

20011213.qrp v02_n404.qrl.20011213

Date: Thu, 13 Dec 2001 19:03:11 EST
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 2404

QRP-L Digest 2404

Topics covered in this issue include:

- 1) [114652] RE: K6KPH Happy Dance
by "Karl Rifenbark" <n7dma@mindspring.com>
- 2) [114653] FOX: Truffle Hunt Thursday - N1TP
by "Tom" <n1tp@worldnet.att.net>
- 3) [114654] Rocks for QRP tube rigs
by WE7X@aol.com
- 4) [114655] Re: Marconi Centenary: SIMPLY AMAZING
by "ss lyon" <sslyon@megalink.net>
- 5) [114656] Re: QRP Tube Availability - 5763
by "Mike Silva" <mjsilva697@earthlink.net>
- 6) [114657] NEQRP CW Net, 13 December 01, 8:30 PM EST, 3.565MHz
by Chuck Ludinsky <cjl@mitre.org>
- 7) [114658] Re: Marconi Centenary: SIMPLY AMAZING
by "Karl F. Larsen" <k5di@zianet.com>
- 8) [114659] Re: Marconi Centenary: SIMPLY AMAZING
by "Brice D. Hornback" <bdh@cyberbound.net>
- 9) [114660] RE: Marconi Centenary: SIMPLY AMAZING
by "Larry Roohr" <lrryr@attbi.com>
- 10) [114661] Re: Ferrit rod antennas
by K5BDZ@aol.com
- 11) [114662] RE: Marconi Centenary: SIMPLY AMAZING
by "David Bixler" <qrp@netins.net>
- 12) [114663] RE: Marconi Centenary: SIMPLY AMAZING
by kb1dxc <kb1dxc@discovernet.net>
- 13) [114664] Re: Marconi Centenary: SIMPLY AMAZING
by Jim Campbell <jim-c@nc.rr.com>
- 14) [114665] RE: Marconi Centenary: SIMPLY AMAZING
by Wes Clopton <W3ERU@DRIX.NET>
- 15) [114666] RE: Marconi Centenary: SIMPLY AMAZING
by kb1dxc <kb1dxc@discovernet.net>
- 16) [114667] Tubes and such
by "Tim A. King Jr." <iflyos@hotmail.com>
- 17) [114668] Re: Marconi Centenary: SIMPLY AMAZING
by "Rod N0RC" <rod@n0rc.com>
- 18) [114669] Re: Marconi Centenary: SIMPLY AMAZING
by bob evinger <wd9eka@arrl.net>
- 19) [114670] RE: Marconi Centenary: SIMPLY AMAZING

- by Nick Kennedy <nkennedy@tcainternet.com>
- 20) [114671] Re: 3C24 Glowbug rig
by Bruce Muscolino <w6toy@erols.com>
- 21) [114672] Marconi Reception report
by Dave Gingrich K9DC <gingrich2@dcg.org>
- 22) [114673] Re: Marconi Centenary: SIMPLY AMAZING
by Alex <kr1st@amsat.org>
- 23) [114674] Marconi Centenary: SIMPLY AMAZING
by "Gene - NN7CK" <nn7ck@mindspring.com>
- 24) [114675] Re: 3C24 Glowbug rig
by "Mike Silva" <mjsilva697@earthlink.net>
- 25) [114676] Re:
by Bruce Muscolino <w6toy@erols.com>
- 26) [114677] RE: Marconi Centenary: SIMPLY AMAZING
by john@wagner-usa.net
- 27) [114678] Re: ANZAC MLLF-3 * MWA-0304 info
by "James R. Duffey" <jamesd1@flash.net>
- 28) [114679] Frequency Counter Kits & Pix
by Monty N5FC <n5fc@io.com>
- 29) [114680] Spark transmitter
by FIVEWATTS@aol.com
- 30) [114681] Cub Fox Preliminary Log -- Take 3
by Todd Enders <enders@bolshoi.cc.misu.nodak.edu>
- 31) [114682] more stuff to look at
by "Tim A. King Jr." <iflyos@hotmail.com>
- 32) [114683] Back on list
by John Seboldt K0JD <k0jd-1@seboldt.net>
- 33) [114684] Re: Spark transmitter
by "Adrian Weiss" <aweiss@usd.edu>
- 34) [114685] Spark transmitter
by "Tom Curtola" <tcurtola@rogers.com>
- 35) [114686] NEQRP NOISER APPLIED...
by "ss lyon" <sslyon@megalink.net>
- 36) [114687] Power supplies for hollow-state QRP
by "John Kirk" <ve6xt@hotmail.com>
- 37) [114688] Computer question..Maybe OT
by "Tim A. King Jr." <iflyos@hotmail.com>
- 38) [114689] Re: Computer question..Maybe OT
by "George, W5YR" <w5yr@att.net>
- 39) [114690] Re: Marconi Centenary: SIMPLY AMAZING
by "Dennis Ponsness" <wb0wao@hotmail.com>
- 40) [114691] RE: Marconi Centenary: SIMPLY AMAZING
by "Scott Holisky" <sholisky@tpt.org>
- 41) [114692] Re: Computer question..Maybe OT
by "Rod N0RC" <rod@n0rc.com>
- 42) [114693] Re: SWR Question
by adamvaz@palm.net (Adam Vazquez)
- 43) [114694] Looking for a HR-20

- by Niels <nkristja@cadvision.com>
- 44) [114695] Re: Computer question..Maybe OT
by "DTX" <dtx@wood.tzo.com>
- 45) [114696] Re: Rocks for QRP tube rigs
by Steven Weber <kd1jv@moose.ncia.net>
- 46) [114697] Meteors, meteors, meteors
by IamSF5@aol.com
- 47) [114698] Re: Spark transmitter
by Pete Burbank <plburbank@kih.net>
- 48) [114699] Window Sill Antenna
by "Don" <wb1cdh@yahoo.com>
- 49) [114700] Re: Marconi Centenary: SIMPLY AMAZING
by thomasr2@gdls.com
- 50) [114701] Re: Computer question..Maybe OT
by David Hinerman <WD8CIV@worldnet.att.net>
- 51) [114702] Re: Marconi Centenary: SIMPLY AMAZING
by "Mike Boatright" <ko4wx@mindspring.com>
- 52) [114703] Noise Bridge - shipments R' us
by "Dave Benson" <nn1g@earthlink.net>
- 53) [114704] Re:
by W2AGN <w2agn@pobox.com>
- 54) [114705] Misc TenTec items FS
by "Ken Simpson, W8EK" <W8EK@fdt.net>
- 55) [114706] XTAL Wanted
by "Brice D. Hornback" <bdh@cyberbound.net>
- 56) [114707] Re: Rocks for QRP tube rigs
by "George, W5YR" <w5yr@att.net>
- 57) [114708] Re: Marconi Centenary: SIMPLY AMAZING
by George Franklin <w0av@juno.com>
- 58) [114709] Re: Marconi Centenary: SIMPLY AMAZING
by "w8diz" <w8diz@fpqrp.com>
- 59) [114710] Re: Marconi Centenary: SIMPLY AMAZING
by Pete Burbank <plburbank@kih.net>
- 60) [114711] Re: Marconi Centenary: SIMPLY AMAZING
by "Paul Christensen" <paulc@mediaone.net>
- 61) [114712] Spark Gap schematic
by Alex <kr1st@amsat.org>
- 62) [114713] Re: Marconi Centenary: SIMPLY AMAZING
by "Brian" <brian@iquest.net>
- 63) [114714] Re: Marconi Centenary: SIMPLY AMAZING
by wb0wao@hotmail.com (Dennis Ponsness)
- 64) [114715] Re: Marconi Centenary: SIMPLY AMAZING
by Dave Gingrich K9DC <gingrich2@dcg.org>
- 65) [114716] Re: Spark transmitter
by "Tom Pennebaker" <n4rs@netpath-rc.net>
- 66) [114717] [CONTEST] QRP Contest Calendar - Dec 13 to 31
by Ken Newman <N2CQ@dandy.net>
- 67) [114718] milliwatt progress

by "George Osier" <gosier@twcny.rr.com>

68) [114719] Re: Marconi Centenary: SIMPLY AMAZING
by "Paul Christensen" <paulc@mediaone.net>

69) [114720] Re: Spark transmitter
by "Rod N0RC" <rod@n0rc.com>

70) [114721] Re: Marconi Centenary: SIMPLY AMAZING
by "Mike Boatright" <ko4wx@mindspring.com>

71) [114722] QRP XTALs for Trade
by "Brice D. Hornback" <bdh@cyberbound.net>

72) [114723] Re: Marconi Centenary: SIMPLY AMAZING
by "Mike Boatright" <ko4wx@mindspring.com>

73) [114724] Re: Window Sill Antenna
by Bruce Muscolino <w6toy@erols.com>

74) [114725] Re: Spark Gap schematic
by Bruce Muscolino <w6toy@erols.com>

75) [114726] FW: Re: Marconi Centenary: SIMPLY AMAZING
by "Mike Boatright" <ko4wx@mindspring.com>

76) [114727] Re: Spark Gap schematic
by "Brice D. Hornback" <bdh@cyberbound.net>

77) [114728] Re: Spark transmitter
by "Tom Curtola" <tcurtola@rogers.com>

78) [114729] Re: Marconi Centenary
by Jim Campbell <jim-c@nc.rr.com>

79) [114730] FT-243 For Sale
by larrykosch@glasscity.com

80) [114731] Window antennas
by FIVEWATTS@aol.com

81) [114732] Re: Fw: RX Noise Bridge Applications
by George Gingell <k3tks@u1.abs.net>

82) [114733] Re: FT-243 For Sale
by W2AGN <w2agn@pobox.com>

83) [114734] OT Does anyone have the drivers for a Hayes Optima 56K V90 Global Modem card?
by "Steve Farthing" <stephen@stevef.demon.co.uk>

84) [114735] Re: Marconi Reception report
by "Henry Freedenberg" <henryf@quartz.gly.fsu.edu>

85) [114736] Re: Spark transmitter
by "Rob Matherly" <kc0bom@arrl.net>

86) [114737] Re: OT Does anyone have the drivers for a Hayes Optima 56K V90 Global Modem card?
by "Rob Matherly" <kc0bom@arrl.net>

87) [114738] Re: Window antennas
by David Hinerman <WD8CIV@worldnet.att.net>

88) [114739] Geminids Tonight
by "Rob Matherly" <kc0bom@arrl.net>

89) [114740] Re: OT Does anyone have the drivers for a Hayes Optima 56K V90 Global Modem card?
by David Hinerman <WD8CIV@worldnet.att.net>

90) [114741] KITS: Digital rms Power meter
by Steven Weber <kd1jv@moose.ncia.net>
91) [114742] Some more magloop experimenting
by Alex <kr1st@amsat.org>
92) [114743] HB - Vintage QRP
by Bill Coleman <aa4lr@arrl.net>
93) [114744] Re: OT Does anyone have the drivers for a Hayes Optima 56K V90
Global Modem card?
by "Rob Matherly" <kc0bom@arrl.net>
94) [114745] [Tokyo-Hy-Power] HT-750 and accesories for sale
by "Tom Tishken KD4W0V" <kd4wov@earthlink.net>
95) [114746] Re: OT Does anyone have the drivers for a Hayes Optima 56K V90
Global Modem card?
by "Mark J. Dulcey" <mark@buttery.org>
96) [114747] RX Noise Bridge References
by delphinus@brightok.net
97) [114748] More tiny radio links
by Nils R Young <nilsbull@juno.com>
98) [114749] Re: OT Does anyone have the drivers for a Hayes Optima 56K V90
Global Modem c...
by FIVEWATTS@aol.com
99) [114750] Re: Spark transmitter
by "kw3u@warwick.net" <kw3u@warwick.net>
100) [114751] Re: OT Does anyone have the drivers for a Hayes Optima 56K V90
Global Modem c...
by fcsww@juno.com
101) [114752] Re: OT Does anyone have the drivers for a Hayes Optima 56K V90
Global Modem c...
by fcsww@juno.com
102) [114753] Re: Digital rms Power meter
by "Brice D. Hornback" <bdh@cyberbound.net>
103) [114754] Re: Some more magloop experimenting
by Pete Burbank <plburbank@kih.net>
104) [114755] Re: OT Does anyone have the drivers for a Hayes Optima 56K V90
Global Modem card?
by "Mark A. Andrews" <KE4IOF@ke4iof.com>
105) [114756] Re: RX Noise Bridge References
by "Brad Hernlem" <alihernlem@hotmail.com>
106) [114757] [SPICE] Tapped Air Inductors
by "Brad Hernlem" <alihernlem@hotmail.com>
107) [114758] Window Antenna
by "K5XU, Mike Duke" <k5xu@netdoor.com>
108) [114759] Re: RX Noise Bridge References
by Chris Trask <ctrask@primenet.com>

Date: Wed, 12 Dec 2001 17:31:45 -0700

From: "Karl Rifenbark" <n7dma@mindspring.com>
To: "qrp-1" <qrp-1@lehigh.edu>
Subject: [114652] RE: K6KPH Happy Dance
Message-ID: <HFEHJIPLCMLIEGPKDPOG0EEJCBA.n7dma@mindspring.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

K6KPH booming in to Tucson RST599+. Got him with the K1 set to 1 W, feeding the Isotron.

Now, to figger out how to tune my random wire for 3550 kcs. Never heared a spark gap tx before! (Yeah, I know it's early!)

Karl
N7DMA

Date: Wed, 12 Dec 2001 20:41:43 -0500
From: "Tom" <n1tp@worldnet.att.net>
To: "qrp-1@Lehigh.EDU" <QRP-L@LEHIGH.EDU>
Subject: [114653] FOX: Truffle Hunt Thursday - N1TP
Message-ID: <000701c18377\$522cd020\$4c984d0c@tom>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

N1TP, SW Florida, will be Truffle FOX this Thursday.

I will be transmitting at 5 watts out.
I'll try 7.044 listening UP at least 1 KHz.
If you are having trouble getting my ear, call WIDER.

I'll transmit "FOX" at precisely 0130 Zulu.

Send your call sign as many times as you like, but stop as soon as you hear me replying to a hound. I reply the instant I hear a call sign.

I'll operate DX pile up style. My reply to each hound will be:
Hound's call, hound's signal report, hound's call, N1TP TU.

e.g., "AF4PS, 559, AF4PS, N1TP, TU."

I'd REALLY like to give out 25 or more pelts.

Tom, N1TP
Naples, Florida

Date: Wed, 12 Dec 2001 20:56:41 EST
From: WE7X@aol.com
To: sigcom@juno.com, qrp-1@lehigh.edu
Subject: [114654] Rocks for QRP tube rigs
Message-ID: <173.b19506.294964d9@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

As for the tube QRP rigs; is there a potential problem using the modern crystals on the small holders with a tube oscillator? It seems that I've seen something about them being somewhat fragile in tube applications. Or am I imagining things?

I've seen indications that the FT-243 rocks don't work too well in transistor oscillators which use a VX0. Is it just because they don't 'rubber' as well?

WE7X
Rod

Date: Wed, 12 Dec 2001 21:38:07 -0500
From: "ss lyon" <sslyon@megalink.net>
To: <g3mfj@btinternet.com>,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [114655] Re: Marconi Centenary: SIMPLY AMAZING
Message-ID: <00c301c1837f\$331b58c0\$038798ce@megalink.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I have to say... it brought tears to my eyes while relating to my XYL the experience of that spark gap transmission tonight. History, romance... a reflection of very best of human spirit right there, ladies and gentlemen.

73/72

AA1MY

Date: Wed, 12 Dec 2001 18:39:10 -0800
From: "Mike Silva" <mjsilva697@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [114656] Re: QRP Tube Availability - 5763
Message-ID: <00cb01c1837f\$59270820\$49fcb3d1@computer>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I've got Far Too Many of these myself. If anybody's interested I'd sell some for \$1 each plus \$2 postage, in quantities of 1 to 5. Believe me when I say I won't be making a killing here!

Regarding using small crystals with tubes, I'd expect a 5763 single-tube transmitter running at 7.5W input (to get about 5W out) to be pretty gentle on them, as long as the feedback and screen voltage were at the minimum needed to get the desired output. For a MOPA oscillator I'd look for any small high-gain pentode or even the pentode section of a triode/pentode. These are mostly TV tubes that nobody wants, and any of them will make an excellent oscillator.

For those looking for on-line tube data, here's a good source:

<http://www.nj7p.org/cgi-bin/tube>

73,
Mike, KK6GM

----- Original Message -----

From: <K5KW@aol.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Wednesday, December 12, 2001 9:28 AM
Subject: QRP Tube Availability - 5763

> Fellow members of QRO Anonymous, :-)

>

> Just checked their web site, and Radio Electric Supply in Florida
>
> <http://www.vacuumtubes.net/page/indexc.html>
>
> lists the 5763 tube as available at \$ 9.00 each. I have used the 5763 in
the
> past as frequency multipliers or drivers in home brew QRO glow bug
> transmitters circa 1960. They are hardy little miniature glass tubes, and
> were a staple in many xmtr designs
> of that era.
>
> Don, K5KW

Date: Wed, 12 Dec 2001 21:46:25 -0500
From: Chuck Ludinsky <cjl@mitre.org>
To: neqrp@jonal.net, qrp-1@lehigh.edu
Subject: [114657] NEQRP CW Net, 13 December 01, 8:30 PM EST, 3.565MHz
Message-ID: <3C181681.94BA146C@mitre.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

The New England QRP Club's WQ1RP CW net meets again Thursday night, 13
December 2001, at 8:30 PM EST (0130Z, 14 December 01) on or near 3.565
MHz. Net control operator for this week's 80M session will be Chuck,
K1CL, operating from Chelmsford, MA.

Last week's net control operator was John, K1RC. John reports:

"The net went pretty well last night. Everyone was readable in spite of
the "buzzsaw" jammer. On a couple of the weaker stations, I had to
narrow the CW bandwidth to 50hz, really tight. But they were quite
copyable. Start Time was actually 12-07-01 01:30Z

Here is the QNI list:

1.	WB1HBE	John, Chelmsford Ma.	599	
2.	W1PID	Jim, Sanbornton, NH	599	FT-817
3.	W1CFI	Paul, Falmouth, MA	589	
4.	K1LGQ	Dennis, Brookline, NH	599	
5.	K1CWZ	Spi, Nashua, NH	599	
6.	KA3WMJ	Ken, Erwin, PA	599	
7.	K1CL	Chuck, Chelmsford, MA	599	
8.	AD8DF	Ed, Waterford, MI	579	5W/Dipole
9.	KD1YV	Mike, Arlington, MA	599	5W/G5RV

10. WA8BXN Mike, Kirtland, OH 589
11. W1FMR Jim, Salem, NH 599
12. N1ZSW Ron, Worcester, MA 599 K2/Attic Ant
13. VE3SP Ron, Hamilton, Ont. 589 5W/Inv. V.
14. K1RC (ncs) John, Dracut, MA 5W/Zepp

Thats about it; as always I enjoyed running the net and talking with the crew. If I don't get to run the net again before Christmas, I want to wish everyone and their family a Merry and SAFE Christmas - and hope you all find your favorite toys under the tree."

Hope to see you all Thursday night.

73 DE K1CL,
Chuck

Date: Wed, 12 Dec 2001 19:50:45 -0700 (MST)
From: "Karl F. Larsen" <k5di@zianet.com>
To: ss lyon <sslyon@megalink.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [114658] Re: Marconi Centenary: SIMPLY AMAZING
Message-ID: <Pine.LNX.4.33.0112121949530.10895-100000@localhost.localdomain>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Listened for it and heard some real CW but no spark gap in New Mexico.

On Wed, 12 Dec 2001, ss lyon wrote:

> I have to say... it brought tears to my eyes while relating to my XYL the
> experience of that spark gap transmission tonight. History, romance... a
> reflection of very best of human spirit right there, ladies and gentlemen.
> 73/72
> AA1MY
>
>

--
Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -
<http://www.zianet.com/k5di/>

Date: Wed, 12 Dec 2001 21:53:32 -0500
From: "Brice D. Hornback" <bdh@cyberbound.net>
To: <k5di@zianet.com>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [114659] Re: Marconi Centenary: SIMPLY AMAZING
Message-ID: <0b4a01c18381\$5a392980\$7001a8c0@lwinc1.in.home.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Same here in Indianapolis, IN. Nothing but regular CW. :-(

73/72/71! de Brice KA8MAV

----- Original Message -----

From: "Karl F. Larsen" <k5di@zianet.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Wednesday, December 12, 2001 9:50 PM
Subject: Re: Marconi Centenary: SIMPLY AMAZING

>
> Listened for it and heard some real CW but no spark gap in New Mexico.
>
> On Wed, 12 Dec 2001, ss lyon wrote:
>
> > I have to say... it brought tears to my eyes while relating to my XYL
the
> > experience of that spark gap transmission tonight. History, romance... a
> > reflection of very best of human spirit right there, ladies and
gentlemen.
> > 73/72
> > AA1MY
> >
> >
>
> --
> Yours Truly,
>
> - Karl F. Larsen, k5di@arrl.net (505) 524-3303 -
> <http://www.zianet.com/k5di/>
>

Date: Wed, 12 Dec 2001 19:51:36 -0700
From: "Larry Roohr" <lrryr@attbi.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [114660] RE: Marconi Centenary: SIMPLY AMAZING
Message-ID: <NFBBIHGNELIBNPBLMBLMEEDECOAA.lrryr@attbi.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Same thing here in Colorado, nuthin. I hope someone was able to record it
and can post it as well.

Larry
kz0e

-----Original Message-----

From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] On Behalf Of
Karl F. Larsen
Sent: Wednesday, December 12, 2001 7:51 PM
To: Low Power Amateur Radio Discussion
Subject: Re: Marconi Centenary: SIMPLY AMAZING

Listened for it and heard some real CW but no spark gap in New Mexico.

On Wed, 12 Dec 2001, ss lyon wrote:

> I have to say... it brought tears to my eyes while relating to my XYL the
> experience of that spark gap transmission tonight. History, romance... a
> reflection of very best of human spirit right there, ladies and gentlemen.
> 73/72
> AA1MY
>
>

--

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -
<http://www.zianet.com/k5di/>

Date: Wed, 12 Dec 2001 21:59:51 EST

From: K5BDZ@aol.com
To: dk3red@t-online.de, qrp-1@lehigh.edu
Subject: [114661] Re: Ferrit rod antennas
Message-ID: <172.addbf5.294973a7@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Also great reading in the ARRL publication "Transmission Line Transformers"
by Jerry Sevick, W2FMI - It's GREAT in my opinion. Also \$20 USD. Available
from those who carry ARRL books or direct from ARRL.
Bill K5BDZ

Date: Wed, 12 Dec 2001 21:00:06 -0600
From: "David Bixler" <qrp@netins.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [114662] RE: Marconi Centenary: SIMPLY AMAZING
Message-ID: <DBEPKBJH00EAHCKKIHPFAEGHCKAA.qrp@netins.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Gang:

Nothing but CW heard in Missouri.

Check out the ARRL's web site for a story on the
spark demo:

<http://www.arrl.org/news/stories/2001/12/12/2/?nc=1>

They say the ERP was of the spark signal was:

"Its 'spread spectrum' has been measured at 23 dB
below a 5-W CW signal--roughly equal to a 25-mW CW
signal."

I hope the folks up in the northeast could make a
recording to post to the web.

72, Dave

David Bixler W0CH
Seneca, MO
Main Web Site: <http://www.qsl.net/w0ch>

Mirror Site: <http://showcase.netins.net/web/w0ch>

QRP: Little Radios, Big Fun!

Date: Wed, 12 Dec 2001 22:01:09 -0500
From: kb1dxc <kb1dxc@discovernet.net>
To: qrp-l@lehigh.edu
Subject: [114663] RE: Marconi Centenary: SIMPLY AMAZING
Message-ID: <a05100300b83dc97aba71@[216.221.130.138]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii" ; format="flowed"

Well, I thought for sure that I would be able to hear the sparks fly here in CT but no, I did not hear it. I tried all moes and tuned all over the place around the 3.55Mhz frequency. I would have thought that everyone would be listening, but I never heard such a meley of people sending out code on this band. Why weren't they listening?????? This has me confused. Now I may never hear one of those transmitters.

Mike
KB1XC

>Same thing here in Colorado, nuthin. I hope someone was able to record it
>and can post it as well.
>
>Larry
>kz0e

Date: Wed, 12 Dec 2001 22:05:09 -0500
From: Jim Campbell <jim-c@nc.rr.com>
To: k5di@zianet.com
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [114664] Re: Marconi Centenary: SIMPLY AMAZING
Message-ID: <3C181AE5.30888525@nc.rr.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Heard what I believe to be the spark station in NC from time to time. It just about has to be him. A very raspy, modulated CW signal. Once

you hear it you won't forget it. Also lots of other stations around that frequency carrying on normal QSOs. I heard him best just below 3550.

I wonder what it sounds like in the transmitter room? It must be difficult to concentrate on sending with that rotary spark-gap going in synch with your keying. (I'm assuming that it is a rotary spark-gap.)

Jim
W4BQP

"Karl F. Larsen" wrote:

>

> Listened for it and heard some real CW but no spark gap in New Mexico.

Date: Wed, 12 Dec 2001 22:07:20 -0500
From: Wes Clopton <W3ERU@DRIX.NET>
To: Qrp-1@lehigh.edu
Subject: [114665] RE: Marconi Centenary: SIMPLY AMAZING
Message-ID: <5.1.0.14.2.20011212220245.00ab1470@127.0.0.1>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

HEARD HIM IN MARYLAND 599 WENT QRT 0214Z
I WAS IN AM MODE

At 07:51 PM 12/12/01 -0700, you wrote:

>Same thing here in Colorado, nuthin. I hope someone was able to record it
>and can post it as well.

>

>Larry

>kz0e

>

>-----Original Message-----

>From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU]On Behalf Of

>Karl F. Larsen

>Sent: Wednesday, December 12, 2001 7:51 PM

>To: Low Power Amateur Radio Discussion

>Subject: Re: Marconi Centenary: SIMPLY AMAZING

>

>

>

>Listened for it and heard some real CW but no spark gap in New Mexico.

>

>On Wed, 12 Dec 2001, ss lyon wrote:

>

> > I have to say... it brought tears to my eyes while relating to my XYL the
> > experience of that spark gap transmission tonight. History, romance... a
> > reflection of very best of human spirit right there, ladies and gentlemen.
> > 73/72
> > AA1MY
> >
> >
>
>--
>Yours Truly,
>
> - Karl F. Larsen, k5di@arrl.net (505) 524-3303 -
> <http://www.zianet.com/k5di/>

Date: Wed, 12 Dec 2001 22:10:53 -0500
From: kb1dxc <kb1dxc@discovernet.net>
To: qrp-1@Lehigh.EDU
Subject: [114666] RE: Marconi Centenary: SIMPLY AMAZING
Message-ID: <a05100302b83dcc4462ad@[216.221.131.87]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii" ; format="flowed"

I was so upset that I could not even type my own callsign correctly.
Sorry about that folks.

Mike,
kb1dxc

>Well, I thought for sure that I would be able to hear the sparks fly
>here in CT but no, I did not hear it. I tried all moes and tuned all
>over the place around the 3.55Mhz frequency. I would have thought
>that everyone would be listening, but I never heard such a meley of
>people sending out code on this band. Why weren't they
>listening?????? This has me confused. Now I may never hear one of
>those transmitters.
>
>Mike
>KB1XC
>
>>Same thing here in Colorado, nuthin. I hope someone was able to record it
>>and can post it as well.
>>
>>Larry
>>kz0e

Date: Wed, 12 Dec 2001 22:18:19 -0500
From: "Tim A. King Jr." <iflyos@hotmail.com>
To: qrp-1@Lehigh.EDU
Subject: [114667] Tubes and such
Message-ID: <F18ypKsEgJX0xJagXTi000019a6@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

With all the recent talk about tubes, This might be the time to let you all know about a recent discovery. The YL's father is cleaning out his shack, building, basement, and attic. I am getting alot of neat stuff, but that is beside the point.

He has tubes he wants to dispose of. A partial list follows. I don't know quantities yet, but there are several of the following:

GE 5 STAR 5751
GE 5 STAR 12AU7A
GE 5 STAR 6087/5Y3WGTB

UNITED 2D21

TUNG-SOL 6AR5

SYLVANIA GB-5963

Any and all info regarding these tubes and fair prices for them would be appreciated.....

73,

Tim A. King, Jr.
KG4MQD
Safety Officer, Hobby Park R/C Aircraft Club
Winston Salem, NC
AMA# 578668
QRPP International #11

Albert Einstein, when asked to describe radio, replied:

"You see, wire telegraph is a kind of a very, very long cat. You pull his tail in New York and his head is meowing in Los Angeles. Do you understand this? And radio operates exactly the same way: you send signals here, they

receive them there. The only difference is that there is no cat."
Albert Einstein (1879-1955)

Join the world's largest e-mail service with MSN Hotmail.
<http://www.hotmail.com>

Date: Wed, 12 Dec 2001 20:24:33 -0700
From: "Rod NOrc" <rod@n0rc.com>
To: <qrp@netins.net>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Cc: <ncarc@qth.net>, "cqc-l" <CQCLIST@yahoo.com>
Subject: [114668] Re: Marconi Centenary: SIMPLY AMAZING
Message-ID: <005001c18385\$aaff19a20\$6401a8c0@greyrock>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Dave, et.al.
----- Original Message -----
From: "David Bixler" <qrp@netins.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Wednesday, December 12, 2001 8:00 PM
Subject: RE: Marconi Centenary: SIMPLY AMAZING

> Hi Gang:
>
> Nothing but CW heard in Missouri.
>
> Check out the ARRL's web site for a story on the
> spark demo:
>
> <http://www.arrl.org/news/stories/2001/12/12/2/?nc=1>
>

A link off this site take you to a page that has a background audio of
the Spark Gap transmitter tests! From the web site:

"The background sound are test signals heard and recorded by Dave
VA3ORB 150 miles away on 3 November 2001. Click here for more "

The link is:

<http://www.qsl.net/g4rfr/marconi.htm>

enjoy!

Happy Holidays

73, Rod N0RC

Ft Collins, CO

Date: Wed, 12 Dec 2001 22:21:55 -0500
From: bob evinger <wd9eka@arrl.net>
To: qrp <qrp-1@lehigh.edu>
Subject: [114669] Re: Marconi Centenary: SIMPLY AMAZING
Message-ID: <3C181ED3.6040407@arrl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

Heard it off and on here. About 90 miles west of Indianapolis on I-70. Marshall, IL. Fair amount of qsb, had it really strong on a couple of transmissions. Usually followed by a caucophony(sp?) of regular cw, people must have been thinking they could work the station.

I am out in the boonies though, have a lot less sources of man made noise as compared to Indy.

bob

Brice D. Hornback wrote:

> Same here in Indianapolis, IN. Nothing but regular CW. :-(
>
> 73/72/71! de Brice KA8MAV
>
> ----- Original Message -----
> From: "Karl F. Larsen" <k5di@zianet.com>
> To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
> Sent: Wednesday, December 12, 2001 9:50 PM
> Subject: Re: Marconi Centenary: SIMPLY AMAZING
>
>
>

>>Listened for it and heard some real CW but no spark gap in New Mexico.
>>
>>On Wed, 12 Dec 2001, ss lyon wrote:
>>
>>
>>>I have to say... it brought tears to my eyes while relating to my XYL
>>>
> the
>
>>>experience of that spark gap transmission tonight. History, romance... a
>>>reflection of very best of human spirit right there, ladies and
>>>
> gentlemen.
>
>>>73/72
>>>AA1MY
>>>
>>>
>>>
>>--
>>Yours Truly,
>>
>> - Karl F. Larsen, k5di@arrl.net (505) 524-3303 -
>> <http://www.zianet.com/k5di/>
>>
>>
>
>
>

--

Bob Evinger WD9EKA Marshall, Illinois
If Guns Cause Crime, Then Matches Cause Arson.

Date: Wed, 12 Dec 2001 21:27:04 -0600
From: Nick Kennedy <nkennedy@tcainternet.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [114670] RE: Marconi Centenary: SIMPLY AMAZING
Message-ID: <01C18353.BF1F2C60.nkennedy@tcainternet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

I heard him very briefly here in Arkansas a couple of times. Did not hear

him with the AM detector, but did hear him while in the SSB position.

Apparently a lot of folks thought he was going to engage in QSOs and a giant pileup ensued. Would like to see it attempted again. Have always read about spark and how it sounds, but very few of us have heard it for real.

Did hear VE3BBN on 'regular' CW counting down the minutes before starting time.

72--Nick, WA5BDU

Date: Wed, 12 Dec 2001 22:25:25 -0500
From: Bruce Muscolino <w6toy@erols.com>
To: bam yb0ko/1 SOETRISNO <unclebam@indosat.net.id>
Cc: qrp-1 <qrp-1@lehigh.edu>
Subject: [114671] Re: 3C24 Glowbug rig
Message-ID: <3C181FA5.23AFF658@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Bam,

The discussion was not really about the 3C24. One list member said he had several in his junkbox and offered them to the list. My comment was they seemed like overkill for a QRP radio and besides that the socket was special and very expensive.

I have built many tube QRP radios using a wide variety of tubes. Most of them are available on the surplus market for a few dollars and use standard sockets. My first was a single tube using an 117L7GT, This was followed by a 4653 rig, a Heathkit AT-1, a command set transmitter using 1625's and a sandwich box rig using a 5AQ5.

There are many potentially good tubes out there to use, All it takes is an open mind and the willingness to spend a few bucks!

73

Date: Wed, 12 Dec 2001 22:32:49 -0500
From: Dave Gingrich K9DC <gingrich2@dcg.org>

To: qrp-1@Lehigh.EDU
Subject: [114672] Marconi Reception report
Message-ID: <5.1.0.14.2.20011212223156.026f8628@172.22.1.1>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

I Heard it! Confirming reception of "ARCONI" at 0252z 13-Dec-2001, 3551 kHz
Dave Gingrich K9DC, Indianapolis Indiana, Report 1x2, distance from Niagra
Falls ON 430 miles (692 km).

I thought I heard it a couple of times earlier, but at 0252 I distinctly
heard "ARCONI" in the noise. I missed the leading M and the trailing
S. Heard nothing after that. I was using an Elecraft K2 LSB, 210 foot
long inverted L up about 60ft. I tried with an AM receiver, but stiff CW
QRM in the passband and I could not turn off the AGC on that receiver.

Congratulations!

=====
Dave Gingrich, K9DC - Indianapolis, Indiana USA
K2 #2211, K1 #931, QRP-L #2376, ARS #1109, CCIE #6748
=====

Date: Wed, 12 Dec 2001 22:33:08 -0500
From: Alex <kr1st@amsat.org>
To: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [114673] Re: Marconi Centenary: SIMPLY AMAZING
Message-ID: <3C182174.DAE1293E@amsat.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Jim Campbell wrote:

>
> Heard what I believe to be the spark station in NC from time to time.

Same here in SC, but my speed is not up to par to copy. I taped it
though and will go through the tape as soon as I have some more time. I
was amazed by the number of stations that seemingly tried to share in
the attention.

I also copied the MCW 2 x "S HI" earlier today transmitted by PCSat
every 3 minutes to celebrate the Marconi and the OSCAR-1 events. I put
this recording on my website for those interested:

<http://www.qsl.net/kr1st/marconi.htm>

73s,
--Alex

Date: Wed, 12 Dec 2001 17:35:53 -0500
From: "Gene - NN7CK" <nn7ck@mindspring.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Cc: <nn7ck@arrl.net>
Subject: [114674] Marconi Centenary: SIMPLY AMAZING
Message-ID: <00fb01c1835d\$5ca997a0\$17a9f7a5@js>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Heard small segments as the QSB allowed here in central South Carolina.
Wow! What a sweet note ... easy to listen to and copy.

Just imagine the fun if we could get the FCC to let us do this once a year
to celebrate a special date...say July 4th!

Gene ... NN7CK

Date: Wed, 12 Dec 2001 19:42:36 -0800
From: "Mike Silva" <mjsilva697@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [114675] Re: 3C24 Glowbug rig
Message-ID: <010b01c18388\$5974c3e0\$49fcb3d1@computer>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Has anybody pointed out that the 3C24 (aka 24G) can use a regular 4-pin
socket that can be had new for about \$4?

73,
Mike, KK6GM

----- Original Message -----
From: "Bruce Muscolino" <w6toy@erols.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Wednesday, December 12, 2001 7:25 PM
Subject: Re: 3C24 Glowbug rig

>
> Bam,
>
> The discussion was not really about the 3C24. One list member said he
> had several in his junkbox and offered them to the list. My comment was
> they seemed like overkill for a QRP radio and besides that the socket
> was special and very expensive.
>
> I have built many tube QRP radios using a wide variety of tubes. Most
> of hem are available on the surplus market for a few dollars and use
> standard sockets. My first was a single tube using an 117L7GT, This
> was followed by a 4653 rig, a Heathkit AT-1, a command set transmitter
> using 1625's and a sandwich box rig using a 5AQ5.
>
> There are many potentially good tubes out there to use, All it takes is
> an open mind and the willingness to spend a few bucks!
>
> 73

Date: Wed, 12 Dec 2001 22:40:58 -0500
From: Bruce Muscolino <w6toy@erols.com>
To: kd1jv@moose.ncia.net
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [114676] Re:
Message-ID: <3C18234A.6A925810@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Steve,

Buying and using it as a display item is one thing, using it as a QRP rig is another! Used in a rig it is first, overkill. Second there are many other tubes that will do the job as well or maybe better for less money. Most of them do not use special sockets! Most of them put out 5 or more watts easily. The 6AQ5 is a perfect example. The 5763 is another. All are available as surplus tubes and for not a lot of money. All use standard miniature tube sockets, which can be picked up at hamfests for little money! If you are trying to build a display rig showing older tube construction I can see it. If you are building a radio to withstand the rigors of daily use, I can't understand! To me

there is a difference between doing it just because you can, and doing it for a purpose!

73

Date: Wed, 12 Dec 2001 22:42:28 -0800
From: john@wagner-usa.net
To: qrp-1@Lehigh.EDU
Subject: [114677] RE: Marconi Centenary: SIMPLY AMAZING
Message-ID: <5.1.0.14.1.20011212223747.009fc580@209.95.110.83>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

I heard it fine up here in N.VT, 2KM from VE2 land.

And then the clatter of a BUNCH of stations that sounded like they were trying to work him. Weird. Could of sworn I heard some SSB in there as well. I thought he was going to go on for an hour?

Sounded GREAT though! If you guys have listened to that simulated recording of the Titanic sending "CQD SOS" - this sounded A LOT like that, sort of like a very wide, very deep CW bullhorn!

Anyway, I didn't record it and really only paid attention at the end when he sent QRT SSS dit dit.

Hope to hear that again sometime, it was neat.

73 de John, N1Q0

At 10:10 PM 12/12/01 -0500, you wrote:

>I was so upset that I could not even type my own callsign correctly. Sorry
>about that folks.

>

>Mike,

>kb1dxc

>

>>Well, I thought for sure that I would be able to hear the sparks fly here
>>in CT but no, I did not hear it. I tried all moes and tuned all over the
>>place around the 3.55Mhz frequency. I would have thought that everyone
>>would be listening, but I never heard such a meley of people sending out
>>code on this band. Why weren't they listening?????? This has me confused.
>>Now I may never hear one of those transmitters.

>>

>>Mike

>>KB1XC

>>
>>>Same thing here in Colorado, nuthin. I hope someone was able to record it
>>>and can post it as well.
>>>
>>>Larry
>>>kz0e
>

Date: Wed, 12 Dec 2001 20:46:33 -0700
From: "James R. Duffey" <jamesd1@flash.net>
To: <na5n@rt66.com>, qrp-l <qrp-l@lehigh.edu>, <n4xy@att.net>
Subject: [114678] Re: ANZAC MLLF-3 * MWA-0304 info
Message-ID: <B83D72A8.FB45%jamesd1@flash.net>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

This information is sometimes useful in identifying Double Balanced Diode mixers.

The LO and RF ports usually have continuity to ground.

The IF port usually does not.

If the LO and RF ports are interchanged there will be lots of LO signal on the IF.

The IF and RF ports can be interchanged with some loss in RF to IF isolation.

I hope that this helps. - Dr. Megacycle KK6MC/5 "Radio Green Chile"

--

James R. Duffey KK6MC/5
Cedar Crest, NM DM65

Date: Wed, 12 Dec 2001 21:51:45 -0600
From: Monty N5FC <n5fc@io.com>
To: AQRPE@groups.com, qrp-l@Lehigh.edu
Subject: [114679] Frequency Counter Kits & Pix
Message-ID: <5.1.0.14.1.20011212214423.00a99a10@mail.io.com>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"; format=flowed

Hey Gang!

I've posted new pictures and reviews of two low cost frequency counter kits, both built into Altoids boxes:

- * The Arizona ScQRPions Stinger Singer (morse annunciated)
- * The KA3J Unicounter (unique one-digit display)

Both are really cool kits, and extremely portable for QRP ops. Some of you saw these at recent Austin QRP Club meetings.

I also have a page on applications for the SWL Freq-Mite (another Morse Freq Counter), that has been on my web page for quite a while.

Check 'em out. Each has their own unique personality.

<http://www.io.com/~n5fc/>

72,
monty N5FC

Monty Northrup, N5FC
Austin, Texas
e-mail: n5fc@io.com
web page (ham radio): <http://www.io.com/~n5fc>
web page (home): <http://www.io.com/~maddog>

Date: Wed, 12 Dec 2001 22:50:51 EST
From: FIVEWATTS@aol.com
To: qrp-L@lehigh.edu
Subject: [114680] Spark transmitter
Message-ID: <13f.61f684e.29497f9b@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

I tried but could not hear him here in NJ.
But I remember back in 1978 ARRL had the ststion on the air and I remember calling my Dad on the phone. He always wanted to be a ham.
I recorded the who thing on an older reel to reel tube recorder.
Dad passed away in 84 and I think My Mother sold the recoder along with the tape:(((

I was a door buzzer sounding note.
Why isn't ARRL in this also?
They have the original station setup in CT.
Bob
WA2HOQrp <tm>

Did hear VE3BBN on 'regular' CW counting down the minutes before starting time.

Date: Wed, 12 Dec 2001 22:05:10 -0600
From: Todd Enders <enders@bolshoi.cc.misu.nodak.edu>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [114681] Cub Fox Preliminary Log -- Take 3
Message-ID: <200112130405.AA00904@bolshoi.cc.misu.nodak.edu>
Content-Type: text/plain
Mime-Version: 1.0 (NeXT Mail 4.2mach_patches v148.2)

I received a couple corrections to the log and have fixed the errors. Anyone else with corrections should get them to me ASAP. Will post the final cut tomorrow night. :-) Here's the revised log:

call time rst spc name power

ve4wi	0204	559	mb	craig	5w
k4gt	0214	449	ga	jim	5w
ka0ec	0216	579	mn	gene	5w
ve3fal	0220	559	on	fred	5w
wa9tze	0248	339	wi	jim	5w
w0ch	0250	339	mo	dave	5w
w8vjw	0256	559	mi	john	5w
kk5ld	0303	559	tx	dan	5w
w0av	0305	559	mo	george	5w
wa8bxn	0306	559	oh	mike	5w
kb9yig	0308	539	in	tony	5w
wb0qqt	0310	559	ne	steve	4w
va6rf	0314	449	ab	earl	5w
n0klv	0317	559	mn	kevin	5w
n0tu	0322	559	co	steve	5w
k4fb	0323	449	fl	paul	5w
n9ww	0326	559	il	jim	5w
w9hl	0331	559	il	randy	5w
ki0ii	0338	539	co	ron	1w

n0rc 0340 559 co rod 5w
kb7ww 0344 449 or art 5w
n0it 0346 559 mo dave 5w
k4byf 0349 559 fl jack 5w
w6eu 0352 449 ca jim 5w
n1tp 0359 559 fl tom 5w
ag0t 0400 559 nd todd 4w

72/73,

Todd, AG0T

Date: Wed, 12 Dec 2001 23:31:52 -0500
From: "Tim A. King Jr." <iflyos@hotmail.com>
To: qrp-l@Lehigh.EDU
Subject: [114682] more stuff to look at
Message-ID: <F236QhjsxPdV6FTdJlj00001af1@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Here is a page I set up with some of the items we have for sale. Please feel free to have a look and email me with any questions or offers. Please note I will not have internet access this weekend, due to participation in the 10 meter contest. I will, however, get back with you as soon as possible Monday.

<http://members.tripod.com/kg4mqd/FOR%20SALE.htm>

73,

Tim A. King, Jr.
KG4MQD
Safety Officer, Hobby Park R/C Aircraft Club
Winston Salem, NC
AMA# 578668
QRPP International #11
Greater Piedmont QRP Club
<http://members.tripod.com/kg4mqd/>

MSN Photos is the easiest way to share and print your photos:
<http://photos.msn.com/support/worldwide.aspx>

Date: Wed, 12 Dec 2001 22:34:37 -0600
From: John Seboldt K0JD <k0jd-1@seboldt.net>
To: qrp-1@lehigh.edu
Subject: [114683] Back on list
Message-ID: <5.1.0.14.0.20011212222435.00a129d0@mail.seboldt.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

It's been a while since I've followed the list, but I'm back again, folks.
My website has moved to <http://www.seboldt.net/k0jd/> . It is evolving a
little, but slowly because of a busy job.

Look forward to regular reading/posting again.

72,

John K0JD

Date: Wed, 12 Dec 2001 22:43:53 -0600
From: "Adrian Weiss" <aweiss@usd.edu>
To: qrp-1@Lehigh.EDU
Subject: [114684] Re: Spark transmitter
Message-ID: <XU3EAGBLG4195TSYGID4ZUTWZX2.3c183209@aweiss>
MIME-Version: 1.0
Content-Type: text/plain; charset="windows-1252"

Hi all:

I tried finding the spark xmtr but no luck here in SD. Darn! But 20w spark to
SD is not the highest probability!

72, Ade

Date: Wed, 12 Dec 2001 23:51:33 -0500
From: "Tom Curtola" <tcurtola@rogers.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [114685] Spark transmitter

Message-ID: <004c01c18391\$d6ba1360\$0f316618@yec.phub.net.cable.rogers.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I think we were had by someone simulating a spark transmitter. David, VE3BBN was only going to beacon MARCONI S S S every minute and not QS0. The other guy that was sending CQ SSS was someone else I believe using some sort of modulation on his rig to simulate the sound. Did you notice, this guy never gave his call sign. Everyone was so busy trying to work this clandestine station that we couldn't hear David VE3BBN.

Oh well, maybe in another hundred years we can try again.

Tom Curtola
VA3TY
Toronto, Ontario - Canada

Date: Wed, 12 Dec 2001 23:51:28 -0500
From: "ss lyon" <sslyon@megalink.net>
To: "chat qrp" <qrp-1@lehigh.edu>
Subject: [114686] NEQRP NOISER APPLIED...
Message-ID: <023101c18391\$d38cc840\$038798ce@megalink.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

-a natural fit appears in the new 40th Anniversary QQ article by KI6WX. It describes a really cool application with Spectrogram sound card software. I can't wait to hear our "Filter" tekkies take off with this one!

73/72
AA1MY

Seabury & Sharon Lyon
99 Sparrowhawk Mtn Rd
Bethel, Me, 04217 U.S.A.
207-836-2576

Virus Protection by Norton and ZoneAlarm

Date: Thu, 13 Dec 2001 05:01:59 +0000
From: "John Kirk" <ve6xt@hotmail.com>
To: qrp-l@lehigh.edu
Subject: [114687] Power supplies for hollow-state QRP
Message-ID: <F2172ozw72nIpuQ9VdE00000cc4@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

No reason you cannot use the ubiquitous PC power supply first stages "as is" - just grab the volts before it gets passed on to the switchers. For you 120 volt countries, it already is a voltage doubler, providing about 340 volts DC. For us 240 volt countries, it is a straight-through rectifier/filter assembly arriving at about the same voltage. Since it is unisolated (at that point, at least), pick up an inexpensive isolation transformer - these are a lot easier to find than olde-tyme plate transformers.

Travel shops are also great sources for small tube-type transformers. Those 120/240 "travel transformers" can often be picked up for peanuts - my 85 watt one, for instance, set me back \$2. Just make sure there *is* a transformer in there though - there is some weird garbage applying dubious electronic principles sold in that industry.

Re: Back to back filament transformers - it sticks in my mind that the ARRL Handbook says we should not do this, due to insufficient inductance in the secondaries to do the voltage conversion without large losses. Anyone else out there ever hear this, or am I hallucinating [again]?

72
john VK2PV

MSN Photos is the easiest way to share and print your photos:
<http://photos.msn.com/support/worldwide.aspx>

Date: Thu, 13 Dec 2001 00:03:17 -0500
From: "Tim A. King Jr." <iflyos@hotmail.com>
To: qrp-l@Lehigh.EDU
Subject: [114688] Computer question..Maybe OT
Message-ID: <F7arwgAP93s25UE9chb00001abd@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Does anyone know of a program that will let you sync all the pc clocks on a network? I know this is probably off topic, but since the pc's are all use for logging, it kinda fits in. I would like something small, for use with windoze, and free or low cost...

73,

Tim A. King, Jr.
KG4MQD
Safety Officer, Hobby Park R/C Aircraft Club
Winston Salem, NC
AMA# 578668
QRPP International #11
Greater Piedmont QRP Club
<http://members.tripod.com/kg4mqd/>

Chat with friends online, try MSN Messenger: <http://messenger.msn.com>

Date: Wed, 12 Dec 2001 23:13:48 -0600
From: "George, W5YR" <w5yr@att.net>
To: iflyos@hotmail.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [114689] Re: Computer question..Maybe OT
Message-ID: <3C18390C.71FBD2FB@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Tim, I use a program which periodically accesses a standard time station and sets the internal clock of its own computer. This program also runs a small server in the background on that computer. All other computers on the LAN access this server periodically to keep their internal clocks updated. In this manner, all computer internal clocks are kept synchronized to within a second or less.

Go to

<http://www.analogx.com>

and look up Atomic TimeSynch Version 1.03. It is free and runs on all

Windows versions.

I find that it works very well and is completely transparent to the network.

72/73, George W5YR - the Yellow Rose of Texas QRP-L 1373 NETXQRP 6
Fairview, TX 30 mi NE of Dallas in Collin county EM13qe SOC 262
Amateur Radio W5YR, in the 56th year and it just keeps getting better!
Icom IC-756PRO #02121 Kachina #91900556 IC-765 #02437

All incoming and outgoing email virus-checked by Norton Anti-Virus 2002

"Tim A. King Jr." wrote:

>

> Does anyone know of a program that will let you sync all the pc clocks on a
> network? I know this is probably off topic, but since the pc's are all use
> for logging, it kinda fits in. I would like something small, for use with
> windoze, and free or low cost...

Date: Thu, 13 Dec 2001 05:23:51 +0000
From: "Dennis Ponsness" <wb0wao@hotmail.com>
To: qrp-l@lehigh.EDU
Subject: [114690] Re: Marconi Centenary: SIMPLY AMAZING
Message-ID: <F27ZpDsiIWeTlhxvzSo00001ee4@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Heard him from time to time up here in Michigan (EN84ij) but LOTS of
stations calling him on CW and some SSB as well. To me, it sounded a lot
like CW on 2m during an aurora! Really neat stuff.

72

Dennis - WB0WAO

Chat with friends online, try MSN Messenger: <http://messenger.msn.com>

Date: Wed, 12 Dec 2001 23:30:15 -0600
From: "Scott Holisky" <sholisky@tpt.org>
To: qrp-l@lehigh.edu

Subject: [114691] RE: Marconi Centenary: SIMPLY AMAZING
Message-ID: <fc.000f548a00a3a715000f548a00a3a715.a3a727@tpt.org>
MIME-Version: 1.0
Content-type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 8bit

I wasn't around tonite...honey-do-chores, BUT did set the rig up, called Augie my-son my-son and had him hold the phone up to the speaker...yes on my clearly digital cell phone, I caught a portion of the transmission! Spooky thinking of the advances in 100 years.

Nice treat.

Scott NOAR
Vadnais Heights, MN

Date: Wed, 12 Dec 2001 22:38:05 -0700
From: "Rod NOARC" <rod@n0rc.com>
To: <iflyos@hotmail.com>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [114692] Re: Computer question..Maybe OT
Message-ID: <003a01c18398\$5a34c540\$6401a8c0@greyrock>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Tim,

Have a look at <http://www.boulder.nist.gov/timefreq/service/its.htm>

I think it will tell you all you want to know.

Now for the radio tie-in. As you know WWVB transmits a time signal, many of us have clocks that receive it. There are WWVB clocks with an computer interface specifically for syncing a computer clock. See:

<http://www.atomictime.com/Product17.html>

The NIST site lists several WWVB clocks at:

<http://www.boulder.nist.gov/timefreq/general/receiverlist.htm>

I'll bet you can find more clocks with a computer interface.

GL

Happy Holidays
73, Rod N0RC
Ft Collins, CO

----- Original Message -----

From: "Tim A. King Jr." <iflyos@hotmail.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Wednesday, December 12, 2001 10:03 PM
Subject: Computer question..Maybe OT

> Does anyone know of a program that will let you sync all the pc
clocks on a
> network? I know this is probably off topic, but since the pc's are
all use
> for logging, it kinda fits in. I would like something small, for
use with
> windoze, and free or low cost...

>
> 73,
>
>
>
> Tim A. King, Jr.
> KG4MQD
> Safety Officer, Hobby Park R/C Aircraft Club
> Winston Salem, NC
> AMA# 578668
> QRPp International #11
> Greater Piedmont QRP Club
> <http://members.tripod.com/kg4mqd/>

>
>
> -----
> Chat with friends online, try MSN Messenger:
<http://messenger.msn.com>
>
>

Date: Thu, 13 Dec 2001 00:46:36 -0500
From: adamvaz@palm.net (Adam Vazquez)
To: n7dma@mindspring.com, qrp-1@Lehigh.EDU

Subject: [114693] Re: SWR Question
Message-ID: <20011213054636.EF6624507@mo130uhou.palm.net>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

n7dma@mindspring.com wrote on 12/7/01 7:31 pm:

>Hi, Gang:
>
>I have a question about SWR
>measurements and readings.
>I've never had more
>than one rig before, and now
>that I have something to
>compare to, I've
>noticed something odd.
>When I tune my antenna
>with my antenna tuner to
>match
>my FT-840, then switch over
>to the K1, the antenna tuner
>needs to be
>readjusted, on some bands
>quite a lot. They are
>attached to the same
>ground
>independantly (not daisy
>chained). When I check them
>both with my dummy
>load, they both give a 1:1
>reading. What gives?
>
>Thanks,
>Karl
>N7DMA
>
Hello de Adam KB2JPD

Let's look at this as a simplified manner. Each radio is a generator
and the antenna is the electrical load .

Each radio wants to see a perfect 50 ohm load. But the radios were
designed by two different designers who may used the same RF transistor
but totally different RF networks.

If you had a hypothetical RF network analyzer and you did an
hypothetical analysis (duh,sorry, I am tired) on the antenna port ,you

could see the differences between the networks.

If you could calibrate the tuner using a noise bridge and a dummy load , you could actually do a investigation on what each radio needs to properly load.

You install the antenna tuner for two reasons

- 1) You want to protect your investment in finals and
- 2) You want optimal RF transfer to your antenna.

By adjusting the antenna tuner for lowest SWR, you are optimizing the load for best RF transfer.

Since you have two radios, you have two different solutions.

Welcome to the real world.

73 Adam

Date: Wed, 12 Dec 2001 23:05:10 -0700
From: Niels <nkristja@cadvision.com>
To: qrp-l@Lehigh.EDU
Subject: [114694] Looking for a HR-20
Message-ID: <1.5.4.16.20011212230823.56079f04@cadvision.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi gang,

I have a mint HX-20 that I have had for years and use every now and then, straight key night mostly and was wanting to find it a mate ie. the HR-20. Does anyone know of one have one that they would like to part with?

Did listen for the "Spark" tonight but guess Alberta is to far away but one never knows. Although my Zepp is half on the ground thanks to the arbourists that pruned it along with the Willow in the back yard.

Nice to see how the noise level has dropped on QRP-L lots of intresting threads at the moment, perhaps the spirit of the season is kicking in :-)

72 de Niels

VE6NJK
Calgary, AB

Date: Wed, 12 Dec 2001 22:26:12 -0800
From: "DTX" <dtx@wood.tzo.com>
To: <qrp-l@lehigh.edu>
Subject: [114695] Re: Computer question..Maybe OT
Message-ID: <011401c1839f\$1003ae80\$0c00a8c0@home>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Tardis. It runs on one of your computers that can see the internet. Then it will broadcast time signals to the local network. If you do not access a time server, it will just proclaim itself correct and the rest of you lan will followw it. There is a companion time client (K9) that runs in the background and watch(dogs-K9, get it ;-)-es for the time broadcasts. You can set up how often it goes out to a master site and also how often it broadcasts to the local net. It is shareware.....but it works well and is not very many \$\$.

Gary WA6DTX

----- Original Message -----
From: "Tim A. King Jr." <iflyos@hotmail.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Wednesday, December 12, 2001 9:03 PM
Subject: Computer question..Maybe OT

> Does anyone know of a program that will let you sync all the pc clocks on
> a
> network? I know this is probably off topic, but since the pc's are all
> use
> for logging, it kinda fits in. I would like something small, for use with
> windoze, and free or low cost...
>
> 73,
>
>
>
> Tim A. King, Jr.

> KG4MQD
> Safety Officer, Hobby Park R/C Aircraft Club
> Winston Salem, NC
> AMA# 578668
> QRPp International #11
> Greater Piedmont QRP Club
> <http://members.tripod.com/kg4mqd/>
>
>
> -----
> Chat with friends online, try MSN Messenger: <http://messenger.msn.com>
>

Date: Thu, 13 Dec 2001 01:37:59 -0500
From: Steven Weber <kd1jv@moose.ncia.net>
To: WE7X@aol.com
Cc: qrp-l@lehigh.edu
Subject: [114696] Re: Rocks for QRP tube rigs
Message-ID: <3.0.6.32.20011213013759.007965e0@mailhost.ncia.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Rod,

>As for the tube QRP rigs; is there a potential problem using the modern
>crystals on the small holders with a tube oscillator? It seems that I've
>seen something about them being somewhat fragile in tube applications. Or
am
>I imagining things?

That is correct. Xtal currents in a tube oscillator (especially if it's a
power oscillator) can be quite large. Small, modern xtals can't handle the
current and will self destruct in a short time. (or over heat and drift a lot)

A potential way around the problem is to start with a low power oscillator,
though this may mean adding an extra stage, if your starting with an old
tube transmitter design as a guide.

> I've seen indications that the FT-243 rocks don't work too well in
>transistor oscillators which use a VX0. Is it just because they don't
>'rubber' as well?

This is also true. FT-243's use a real fat xtal and is mechanically gripped
by spring loaded metal plates in the corners. Modern xtals are very thin

and use plated connections, so they electrically rub more easily. An old trick to pull FT-243's is to vary the tension on the xtal, by drilling and tapping a screw hole in the cover, and use a screw to vary the tension!

72,
Steve, KD1JV
"Melt Solder"
White Mountains of New Hampshire
<http://www.qsl.net/kd1jv/>

Date: Thu, 13 Dec 2001 02:13:53 EST
From: IamSF5@aol.com
To: qrp-L@lehigh.edu
Cc: fpqrp-l@mpna.com
Subject: [114697] Meteors, meteors, meteors
Message-ID: <15.1f664493.2949af31@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Another Shower coming up. Peaking at Dec., 13 and 14
Bob
WA2HOQrp <tm>
http://www.skypub.com/sights/meteors/geminids/98preview_geminids.html

Decades of careful visual counts have enabled researchers to map out the complex structure of the Geminid debris stream, while two-station photography of individual meteors has shed light on the particles' trajectories and densities. According to meteor specialist Neil Bone, at 2 grams per cubic centimeter on average, Geminid meteoroids are several times denser than the cometary dust flakes that supply most meteor showers. Add this to the relatively slow speed with which Geminids encounter Earth (35 kilometers per second), and you have the recipe for meteors that linger a bit longer in view than most.

Joshua Roth is technical editor of Sky & Telescope and an avid backyard observer.

Date: Thu, 13 Dec 2001 05:01:24 -0500
From: Pete Burbank <plburbank@kih.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: [114698] Re: Spark transmitter
Message-ID: <5.0.2.1.0.20011213042735.00aaed70@KIH.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 11:51 PM 12/12/2001 -0500, Tom Curtola wrote:

>I think we were had by someone simulating a spark transmitter. David,
>VE3BBN was only going to beacon MARCONI S S S every minute and not QS0.
>They other guy that was sending CQ SSS was someone else I believe using some
>sort of modulation on his rig to simulate the sound. Did you notice, this
>guy never gave his call sign. Everyone was so busy trying to work this
>clandestine station that we couldn't hear David VE3BBN.

>

>Oh well, maybe in another hundred years we can try again.

>

>Tom Curtola

>VA3TY

>Toronto, Ontario - Canada

Yes Tom, I heard the SSS transmission which was sort of low pitched and never signed and under the layers of QRM was a higher pitched spark noise that was more dispersed frequency wise .There was too much QRM to copy the higher pitched signal. I was rather amazed at the pile up that pretty much destroyed copy on the frequency as that was not the intended purpose of the exercise as I understood the RAC post.
73 Pete NV4V Ky USA

Date: Thu, 13 Dec 2001 07:29:29 -0500
From: "Don" <wb1cdh@yahoo.com>
To: "qrp-l" <qrp-l@Lehigh.EDU>
Subject: [114699] Window Sill Antenna
Message-ID: <007901c183d2\$6cd5b440\$8d53d03f@n8b611>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

A few days ago I read a message to the group that included a url with phtos and instructions on how to make a window sill antenna. It was attached to piece of aluminum and also had a counterpoise. Anyone know where I can find that info? Thought I had kept it but guess I had a senior moment.

Don K1NNP

Do You Yahoo!?

Get your free @yahoo.com address at <http://mail.yahoo.com>

Date: Thu, 13 Dec 2001 08:04:44 -0500
From: thomasr2@gdls.com
To: qrp-1@lehigh.edu
Subject: [114700] Re: Marconi Centenary: SIMPLY AMAZING
Message-ID: <0F53783D25.4469279A-0N85256B21.00479B71@gdls.com>
MIME-Version: 1.0
Content-type: text/plain; charset=us-ascii

Copied it about 562 in Tallahassee, FL in both AM and SSB modes.
Unmistakable raspy AC note.

73,

Ron N4RT

Date: Thu, 13 Dec 2001 08:17:13 -0500
From: David Hinerman <WD8CIV@worldnet.att.net>
To: qrp-1@lehigh.edu
Subject: [114701] Re: Computer question..Maybe OT
Message-ID: <5.1.0.14.1.20011213080958.00a55420@ipostoffice.worldnet.att.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 12:03 AM 12/13/2001 -0500, you wrote:

>Does anyone know of a program that will let you sync all the pc clocks on
>a network? I know this is probably off topic, but since the pc's are all
>use for logging, it kinda fits in. I would like something small, for use
>with windoze, and free or low cost...

Tim,

I use Dimension 4 (available at <http://www.thinkman.com/dimension4/index.html> - click the "Download" link near the top of the page.) It will synchronize your PC clock to an SNTP, time/tcp, or time/udp server. It has a huge list of time servers already, including NIST and US Naval Observatory, if you have Internet access. Otherwise, you can get designate one of your PCs (one that's up all the time) as the time server, and have all your other machines sync to it.

A lot of network software has time sync capabilities already. What network are you using? I've gone toe-to-toe with our network admin here at work because he had all our machines syncing to one of the file servers, which was about 4 minutes slow. He finally started having the local server sync to an outside time server, so it's not a problem any more.

Good luck.

Dave

Dave Hinerman
WD8CIV@worldnet.att.net

Date: Thu, 13 Dec 2001 08:17:21 -0500
From: "Mike Boatright" <ko4wx@mindspring.com>
To: <qrp-1@Lehigh.EDU>
Subject: [114702] Re: Marconi Centenary: SIMPLY AMAZING
Message-ID: <NFBBIILMKCMILGKAJMBLKEMMCCAA.ko4wx@mindspring.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I heard a raspy CW, with QSB, off and on, in Atlanta. Sounded like he was in QSO with an N1 station around 0230. Was using both my Yaesu FT890 in AM and my K2 in CW at 1.5KHz bandwidth. Sounded to me like a T2 tone dead on 3550, varying slightly downward at times, with lots of sidebands. Recorded a couple of minutes of it in a wave file, but forgot to bring to the office with me today.

Was interesting to listen to, but difficult to copy with all the QRM. Especially from the rocket scientist that tuned up at 1500W dead on 3550

around 0240 or so (at about 60dB over S9).

72 de Mike, K04WX

Date: Thu, 13 Dec 2001 08:06:39 -0800
From: "Dave Benson" <nn1g@earthlink.net>
To: <qrp-1@lehigh.edu>
Cc: <sslyon@megalink.net>, "Chuck Ludinsky" <cjl@mitre.org>
Subject: [114703] Noise Bridge - shipments R' us
Message-ID: <000001c183f0\$93368ce0\$0457d03f@pavilion>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

gang-

Looks like we'll have noise bridge kits in our Holiday stockings. :-)

I had ordered the full-quality printed-circuit boards a week ago Monday, and the board house shipped them the same Friday. I built a noise bridge up from one of those new boards yesterday (just being cautious, thanks) and then Express-shipped the boards to Seab. Depending on when that 'care package' arrives, he may be able to begin filling and shipping orders TODAY!

73, Dave- K1SWL

Date: Thu, 13 Dec 2001 08:28:52 -0500
From: W2AGN <w2agn@pobox.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [114704] Re:
Message-ID: <0112130828521A.11923@njbirdman>
Content-Type: text/plain;
 charset="iso-8859-1"
MIME-Version: 1.0
Content-Transfer-Encoding: 8bit

On Wednesday 12 December 2001 22:40, Bruce Muscolino wrote:

> Steve,

To me

> there is a difference between doing it just because you can, and doing
> it for a purpose!

>

> 73

--

I think it is called "having fun," a concept alien to some.

John L Sielke W2AGN
w2agn@pobox.com
<http://www.qsl.net/w2agn>

Date: Thu, 13 Dec 2001 08:32:02 -0500
From: "Ken Simpson, W8EK" <W8EK@fdt.net>
To: "QRP List" <qrp-l@lehigh.edu>
Subject: [114705] Misc TenTec items FS
Message-ID: <01af01c183da\$8ef1b940\$4691d4d1@toshiba>

Misc. TenTec items For Sale

TenTec 234 speech processor.

This one is effective. It changes the audio into RF, processes it at RF, so that the distortion is removed, and then changes it back to audio. I have found that adding this processor is about the same as turning an amplifier on. It really helps the talk power, without introducing distortion like most speech processors. This one is in great shape. I can not find a scratch on it, and it works 100 %. With the paper work, for \$100.

TenTec 214 desk microphone.

This is the electrolet mic that is banana shaped, that will slip in and out of a separate base. It is NOT the 705 gooseneck mic. Has 4 pin plug for TenTec gear, and requires a polarizing voltage from the rig, to make the electrolet mic element work. With the paper work for \$65.

TenTec 248 noise blanker. This is the noise blanker that goes in the Omni 546, Series A and Series B, xcvrs. It is quite effective on some noise, and not effective

at all on other types of noise. It does not go in the Omni series C, as they came with a blanker installed as a standard item from the factory. This one has all the paper work with it, for \$50.

TenTec 249 Noise Blanker

This is the one for the Triton series of rigs (Model 540 and 544). Like the 248 for the Omni series, it is quite effective on some noise, and not on other noise, depending on the characteristics of the noise. Paper work included for \$50.

Prices do not include shipping from Florida.

Thanks.

73,

Ken, W8EK

Ken Simpson

E-mail to W8EK@fdt.net or W8EK@yahoo.com

Voice Phone (352) 732-8400

Date: Thu, 13 Dec 2001 08:47:31 -0500
From: "Brice D. Hornback" <bdh@cyberbound.net>
To: <qrp-1@Lehigh.EDU>
Subject: [114706] XTAL Wanted
Message-ID: <0c6c01c183dc\$b67be060\$7001a8c0@lwrnc1.in.home.com>

MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Does anyone have a spare 7.030 MHz XTAL to sell or trade me?

Thanks!

73/72/71! de Brice KA8MAV
<http://www.QRPp-I.com>

Date: Thu, 13 Dec 2001 07:50:01 -0600
From: "George, W5YR" <w5yr@att.net>
To: kd1jv@moose.ncia.net
Cc: qrp-l@Lehigh.edu
Subject: [114707] Re: Rocks for QRP tube rigs
Message-ID: <3C18B209.37E144FF@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

A No. 43 (250 ma.) or No. 47 (150 ma.) dial lamp in series with the crystal will serve both to provide a visual indication of crystal current - which can be a tuning aid - and as a fuse which will open up before the crystal is damaged by excessive current. Such lamps were standard practice "in the old days" when most crystal oscillators were 6L6's and the like, capable of putting out appreciable power.

The current rating of the lamp is determined by the allowable crystal current.

72/73, George W5YR - the Yellow Rose of Texas QRP-L 1373 NETXQRP 6
Fairview, TX 30 mi NE of Dallas in Collin county EM13qe SOC 262
Amateur Radio W5YR, in the 56th year and it just keeps getting better!
Icom IC-756PRO #02121 Kachina #91900556 IC-765 #02437

All incoming and outgoing email virus-checked by Norton Anti-Virus 2002

Steven Weber wrote:

>
> Rod,
>

> >As for the tube QRP rigs; is there a potential problem using the modern
> >crystals on the small holders with a tube oscillator? It seems that I've
> >seen something about them being somewhat fragile in tube applications. Or
> am
> >I imagining things?
>
> That is correct. Xtal currents in a tube oscillator (especially if it's a
> power oscillator) can be quite large. Small, modern xtals can't handle the
> current and will self destruct in a short time. (or over heat and drift a lot)
>
> A potential way around the problem is to start with a low power oscillator,
> though this may mean adding an extra stage, if your starting with an old
> tube transmitter design as a guide.
>
> > I've seen indications that the FT-243 rocks don't work too well in
> >transistor oscillators which use a VXO. Is it just because they don't
> >'rubber' as well?
>
> This is also true. FT-243's use a real fat xtal and is mechanically gripped
> by spring loaded metal plates in the corners. Modern xtals are very thin
> and use plated connections, so they electrically rubber more easily. An old
> trick to pull FT-243's is to vary the tension on the xtal, by drilling and
> tapping a screw hole in the cover, and use a screw to vary the tension!

Date: Thu, 13 Dec 2001 07:46:40 -0600
From: George Franklin <w0av@juno.com>
To: qrp@netins.net
Cc: qrp-1@Lehigh.EDU
Subject: [114708] Re: Marconi Centenary: SIMPLY AMAZING
Message-ID: <20011213.075223.-1662411.0.w0av@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Dave and all,

I heard the beautiful musical spark transmission on 3550 (AM) very well,
right through the CW, at 0213Z thru 0218Z (Heard QRT and S).

The signal was quite good, peaking at about S3 on my RX and ho-hum
antenna.

I think it was a matter of listening at exactly the right moment.

72 de George/W0AV

Hamming since '35, enjoying every minute of it

Date: Thu, 13 Dec 2001 09:00:56 -0500
From: "w8diz" <w8diz@fpqrp.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [114709] Re: Marconi Centenary: SIMPLY AMAZING
Message-ID: <002501c183de\$96837320\$0200000a@hunkar.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I heard the Spark also on 3550 +/- 20 Khz. About 559 into SW Ohio.
He kept sending "QRZ SSS" - never did hear a QSO with anybody;
Then went "QRT" at about 0219z.

Anybody know where I can get a schematic for the spark thingie?
Think it would be great to try it out on the next FOX hunt.

-Diz, W8DIZ

----- Original Message -----
From: "George Franklin" <w0av@juno.com>

> Hi Dave and all,
> I heard the beautiful musical spark transmission on 3550 (AM) very well,
> right through the CW, at 0213Z thru 0218Z (Heard QRT and S).
> The signal was quite good, peaking at about S3 on my RX and ho-hum
> antenna.
> I think it was a matter of listening at exactly the right moment.
> 72 de George/W0AV
> Hamming since '35, enjoying every minute of it

Date: Thu, 13 Dec 2001 09:05:28 -0500
From: Pete Burbank <plburbank@kih.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [114710] Re: Marconi Centenary: SIMPLY AMAZING
Message-ID: <5.0.2.1.0.20011213085857.00acdec0@KIH.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 08:17 AM 12/13/2001 -0500, Mike Boatright wrote:

>SNIP

>Especially from the rocket scientist that tuned up at 1500W dead on 3550
>around 0240 or so (at about 60dB over S9).

>

>72 de Mike, K04WX

Yes I think it was either Bubba or his brother Junior. HI!!!! :-)

73 Pete NV4V KY

Date: Thu, 13 Dec 2001 09:08:01 -0500

From: "Paul Christensen" <paulc@mediaone.net>

To: <w0av@juno.com>,

"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: [114711] Re: Marconi Centenary: SIMPLY AMAZING

Message-ID: <002601c183df\$940cd860\$6401a8c0@paulch>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

I found it interesting that the occupied bandwidth was "only" about 10 kHz. I say "only" because I thought the spark decrement would create a bandwidth that filled a hundred kilohertz or more...based on my readings of the early chronicles of spark transmission.

As I recall, the transmitted wavelength in the early spark systems was primarily a function of the resonant antenna length and the decrement (bandwidth) was a function of oscillator transformer coupling. Was there something different about the system used in last night's transmissions that produces a relatively narrow spark bandwidth?

-Paul, W9AC

----- Original Message -----

From: "George Franklin" <w0av@juno.com>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Sent: Thursday, December 13, 2001 8:46 AM

Subject: Re: Marconi Centenary: SIMPLY AMAZING

> Hi Dave and all,

>

> I heard the beautiful musical spark transmission on 3550 (AM) very well,

> right through the CW, at 0213Z thru 0218Z (Heard QRT and S).

>
> The signal was quite good, peaking at about S3 on my RX and ho-hum
> antenna.
>
> I think it was a matter of listening at exactly the right moment.
>
> 72 de George/W0AV
> Hamming since '35, enjoying every minute of it

Date: Thu, 13 Dec 2001 09:13:27 -0500
From: Alex <kr1st@amsat.org>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [114712] Spark Gap schematic
Message-ID: <3C18B787.22F28502@amsat.org>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

The schematic is at:

<http://www.qsl.net/g4rfr/marconi.htm>

VE3BBN needed special permission to run his transmitter. Is it allowed in the US to run such a transmitter or would you have to ask the FCC for special permission too?

73s,
--Alex

Date: Thu, 13 Dec 2001 09:12:21 -0500
From: "Brian" <brian@iquest.net>
To: <w8diz@fpqrp.com>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [114713] Re: Marconi Centenary: SIMPLY AMAZING
Message-ID: <001601c183e0\$2e8f70f0\$3d05080a@cincom.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Diz,

I make my own spark gap xmitters all the time. Just take a softball and

wrap it like 9 times with aluminum foil. Put it in the microwave and switch on and off. It's pretty cool.

Hey I was in a gas station down in Tennessee and in the bathroom I saw a sign that said, "NoGA QRPers - The rock candy in the urinal is not for you." What do you think that means?

72 es 00 de KB9BVN

Flying Pigs QRP Rules

Vote DIZ for ARCI BOD!

----- Original Message -----

From: "w8diz" <w8diz@fpqrp.com>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Sent: Thursday, December 13, 2001 9:00 AM

Subject: Re: Marconi Centenary: SIMPLY AMAZING

> I heard the Spark also on 3550 +/- 20 Khz. About 559 into SW Ohio.

> He kept sending "QRZ SSS" - never did hear a QSO with anybody;

> Then went "QRT" at about 0219z.

>

> Anybody know where I can get a schematic for the spark thingie?

> Think it would be great to try it out on the next FOX hunt.

>

> -Diz, W8DIZ

>

> ----- Original Message -----

> From: "George Franklin" <w0av@juno.com>

>

> > Hi Dave and all,

> > I heard the beautiful musical spark transmission on 3550 (AM) very well,

> > right through the CW, at 0213Z thru 0218Z (Heard QRT and S).

> > The signal was quite good, peaking at about S3 on my RX and ho-hum

> > antenna.

> > I think it was a matter of listening at exactly the right moment.

> > 72 de George/W0AV

> > Hamming since '35, enjoying every minute of it

>

>

Date: Thu, 13 Dec 2001 09:18:42 -0500 (EST)
From: wb0wao@hotmail.com (Dennis Ponsness)
To: brian@iquest.net
Cc: qrp-1@Lehigh.EDU (Low Power Amateur Radio Discussion)
Subject: [114714] Re: Marconi Centenary: SIMPLY AMAZING
Message-ID: <27377-3C18B8C2-1516@storefull-268.iap.bryant.webtv.net>
Content-Disposition: Inline
Content-Type: Text/Plain; Charset=US-ASCII
Content-Transfer-Encoding: 7Bit
MIME-Version: 1.0 (WebTV)

LOLOL... Brian, U DA MAN!!!!!!!!!! Hey did anyone else think the spark
gap transmission sounded like the average NoGa members rig?

72 es oo

Dennis - WB0WAO

Date: Thu, 13 Dec 2001 09:26:56 -0500
From: Dave Gingrich K9DC <gingrich2@dcg.org>
To: w8diz@fpqrp.com
Cc: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [114715] Re: Marconi Centenary: SIMPLY AMAZING
Message-ID: <5.1.0.14.2.20011213092332.02869ae8@172.22.1.1>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 09:00 12/13/2001 -0500, w8diz wrote:

>Anybody know where I can get a schematic for the spark thingie?
>Think it would be great to try it out on the next FOX hunt.

That would be kinda cool... Only problem is that spark is quite illegal
here. OTOH, who would arrest a Flying Pig anyway? So maybe yer safe!

=====
Dave Gingrich, K9DC - Indianapolis, Indiana USA
K2 #2211, K1 #931, QRP-L #2376, ARS #1109, CCIE #6748
=====

Date: Thu, 13 Dec 2001 09:28:52 -0500
From: "Tom Pennebaker" <n4rs@netpath-rc.net>
To: <tcurtola@rogers.com>,

"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [114716] Re: Spark transmitter
Message-ID: <007701c183e2\$7e052b00\$282a1bce@pavilion>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I found it disgusting. Shows how "Sick" the ham community has become. After realizing what was going on I turned the rig off and pursued other interest.....

----- Original Message -----

From: "Tom Curtola" <tcurtola@rogers.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Sent: Wednesday, December 12, 2001 23:51 PM
Subject: Spark transmitter

> I think we were had by someone simulating a spark transmitter. David,
> VE3BBN was only going to beacon MARCONI S S S every minute and not QSO.
> They other guy that was sending CQ SSS was someone else I believe using
some
> sort of modulation on his rig to simulate the sound. Did you notice, this
> guy never gave his call sign. Everyone was so busy trying to work this
> clandestine station that we couldn't hear David VE3BBN.
>
> Oh well, maybe in another hundred years we can try again.
>
> Tom Curtola
> VA3TY
> Toronto, Ontario - Canada
>
>

Date: Thu, 13 Dec 2001 09:25:00 -0500
From: Ken Newman <N2CQ@dandy.net>
To: epaqrp-l@Lehigh.EDU, QRP-L@Lehigh.EDU, njqrp@njqrp.org,
n9avg@amsat.org
Subject: [114717] [CONTEST] QRP Contest Calendar - Dec 13 to 31
Message-ID: <3.0.6.32.20011213092500.009008d0@mail.dandy.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

~~~~~

## QRP CONTEST CALENDAR

December 13-31, 2001

---

### 40 METER FOXHUNTS

Fox Hunt - Thursdays - 9pm EST, 8PM CST, 7PM MST and 6PM PST.

Info: <http://www.cqc.org/fox>

Cub Fox Hunt - Tuesdays - 9pm EST, 8PM CST, 7PM MST and 6PM PST.

Info: <http://www.qsl.net/k5di/fox/>

Truffle Hunt - Tue & Thur - 30 min before Fox Hunt

Info: [http://fpqrp.com/pig\\_hunt.html](http://fpqrp.com/pig_hunt.html)

---

### ARRL 10 Meter Contest (CW/SSB) ... QRP Category

Dec 15 - 0000z to Dec 16 - 2400z

Rules: <http://www.arrl.org/contests/announcements/rules-10m.html>

---

### OK DX RTTY Contest

Dec 15 - 0000z to 2400z

Rules: <http://crk.mlp.cz/eng/dxconte.htm>

---

### Croatian CW Contest (CW) ... QRP Category

Dec 15 - 1400z to Dec 16 - 1400z

Rules: <http://www.sk3bg.se/contest/9acwc.htm>

---

The Great Colorado Snowshoe Run (40m CW) \*\*\* QRP Contest \*\*\*



Dec 16 - 0200z to 0400z

Rules: <http://www.cqc.org>

~~~~~  
AGB (Belarus) Party Contest (CW/SSB) (80m)... QRP Category

Dec 21 - 2100z to 2300z

Rules: http://www.qsl.net/eu1eu/agb_party.htm

~~~~~  
Holiday Milliwatt CW Contest \*\*\* QRPp Contest \*\*\*

Dec 26 - 1800z to 2200z

Dec 27 - 2000z to Dec 28 0000z

Dec 28 - 2200z to Dec 29 0200z

Rules: [http://www.knightlites.org/milliwatt\\_contest.htm](http://www.knightlites.org/milliwatt_contest.htm)

~~~~~  
RAC Canada Winter Contest (CW/SSB) ... QRP Category

Dec 29 - 0000z to 2359z

Rules: <http://www.rac.ca/CANWIN.htm>

~~~~~  
Stew Perry (W1BB) Topband Distance Challenge (CW) ... QRP Category

Dec 29 - 1500z to Dec 30 - 1500z

Rules: <http://jzap.com/k7rat/stew.rules.txt>

~~~~~  
Original QRP Contest (CW - 80, 40 & 20m) ... QRP Category

Dec 29 - 1500z to Dec 30 - 1500z

Rules: <http://www.sk3bg.se/contest/origqrpc.htm>

~~~~~

Thanks to K3WWP, SM3CER, WA7BNM, ARRL and others  
for assistance in compiling this calendar.

Please foreward the contest info you sponsor to N2CQ@ARRL.NET and  
we will post it and give it more publicity.  
Anyone may use this "QRP Contest Calendar" for your website, newsletter,  
e-mail list or other media as you choose.  
(Include a credit to the source of this material of course.)

72 de  
Ken Newman - N2CQ  
N2CQ@ARRL.NET

\*\*\*\* QRP Contest Calendar \*\*\*\*  
<http://www.njqrp.org/data/contesting.html>  
<http://www.n3epa.org/Pages/Contest/contest.htm>  
<http://www.qs1.net/cqrp/contests.html>

72 de  
Ken Newman - N2CQ  
Woodbury, NJ  
FM29jt  
N2CQ@ARRL.NET

== QRP CONTEST CALENDAR ==  
<http://www.njqrp.org/data/contesting.html>

-----

Date: Thu, 13 Dec 2001 09:34:19 -0500  
From: "George Osier" <gosier@twcnny.rr.com>  
To: <qrp-l@lehigh.edu>  
Subject: [114718] milliwatt progress .....  
Message-ID: <002b01c183e3\$40303300\$0e714342@twcnny.rr.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hello !!

For DXCC :

109 worked 83 confirmed ( got CT7T and 6Y1A yesterday )

Worked OQ4UN this morning on 10 meters with 100 mw , he got a big kick out  
of it !!! And worked RZ1AWT with 300 mw !!

As with John , ON4UN I could have worked even lower in power. When you know  
someone has a BIG antenna farm dont be afraid to turn it WAY down and give  
it a try !!!

73s

George , N2JNZ / QRPp

-----  
Date: Thu, 13 Dec 2001 09:41:42 -0500  
From: "Paul Christensen" <paulc@mediaone.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [114719] Re: Marconi Centenary: SIMPLY AMAZING  
Message-ID: <004901c183e4\$488459e0\$6401a8c0@paulch>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I was listening to the station in active QSOs with others. The "clandestine theory" may explain why I was hearing a station only 10 kHz wide.

----- Original Message -----  
From: "Paul Christensen" <paulc@mediaone.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Sent: Thursday, December 13, 2001 9:08 AM  
Subject: Re: Marconi Centenary: SIMPLY AMAZING

> I found it interesting that the occupied bandwidth was "only" about 10 kHz. I say "only" because I thought the spark decrement  
> would create a bandwidth that filled a hundred kilohertz or more...based on my readings of the early chronicles of spark  
> transmission.  
>  
> As I recall, the transmitted wavelength in the early spark systems was primarily a function of the resonant antenna length and the  
> decrement (bandwidth) was a function of oscillator transformer coupling. Was there something different about the system used in  
> last night's transmissions that produces a relatively narrow spark bandwidth?  
>  
> -Paul, W9AC  
>  
> ----- Original Message -----  
> From: "George Franklin" <w0av@juno.com>  
> To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
> Sent: Thursday, December 13, 2001 8:46 AM  
> Subject: Re: Marconi Centenary: SIMPLY AMAZING

>  
>  
> > Hi Dave and all,  
> >  
> > I heard the beautiful musical spark transmission on 3550 (AM) very well,  
> > right through the CW, at 0213Z thru 0218Z (Heard QRT and S).  
> >  
> > The signal was quite good, peaking at about S3 on my RX and ho-hum  
> > antenna.  
> >  
> > I think it was a matter of listening at exactly the right moment.  
> >  
> > 72 de George/W0AV  
> > Hamming since '35, enjoying every minute of it  
>

-----  
Date: Thu, 13 Dec 2001 07:55:39 -0700  
From: "Rod N0RC" <rod@n0rc.com>  
To: <n4rs@netpath-rc.net>,  
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [114720] Re: Spark transmitter  
Message-ID: <003301c183e6\$3baffab0\$6401a8c0@greyrock>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Tom,

----- Original Message -----

From: "Tom Pennebaker" <n4rs@netpath-rc.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Sent: Thursday, December 13, 2001 7:28 AM  
Subject: Re: Spark transmitter

> I found it disgusting. Shows how "Sick" the ham community has  
become. After

Yes unfortunate, but one individual is not representative of the whole  
community. In fact when things like this happen, it's time for  
responsible individuals to step up and show Ham Radio in a positive  
light.

\*\*\*Happy Holidays\*\*\*

73, Rod N0RC  
Ft Collins, CO

-----  
Date: Thu, 13 Dec 2001 09:56:43 -0500  
From: "Mike Boatright" <ko4wx@mindspring.com>  
To: <qrp-1@Lehigh.EDU>  
Subject: [114721] Re: Marconi Centenary: SIMPLY AMAZING  
Message-ID: <NFBBIILMKCMILGKAJMBLKEMOCCAA.ko4wx@mindspring.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

>Anybody know where I can get a schematic for the spark thingie?  
>Think it would be great to try it out on the next FOX hunt.

Now THAT would make operating split interesting...

;-)

72 de Mike, K04WX

-----  
Date: Thu, 13 Dec 2001 10:06:14 -0500  
From: "Brice D. Hornback" <bdh@cyberbound.net>  
To: <qrp-1@lehigh.edu>  
Subject: [114722] QRP XTALs for Trade  
Message-ID: <0cb401c183e7\$b6213c40\$7001a8c0@lwrnc1.in.home.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hello everyone. I have a nice set (will not separate) of five QRP XTALs  
(10m, 20m, 30m, 40m, & 80m) I'm wanting to trade for ??? Please contact me  
directly.

Frequencies:

3.579 MHz  
7.040 MHz  
10.106 MHz

14.060 MHz  
28.060 MHz

View a photo here:  
[http://www.qrpp-i.com/images/QRP\\_XTAL\\_Set.jpg](http://www.qrpp-i.com/images/QRP_XTAL_Set.jpg)

THANKS!

73/72/71! de Brice KA8MAV

-----  
Date: Thu, 13 Dec 2001 10:10:47 -0500  
From: "Mike Boatright" <ko4wx@mindspring.com>  
To: <qrp-1@Lehigh.EDU>  
Subject: [114723] Re: Marconi Centenary: SIMPLY AMAZING  
Message-ID: <NFBBIILMKCMILGKAJMBLKEMPCCAA.ko4wx@mindspring.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

> Hey did anyone else think the spark  
> gap transmission sounded like the average NoGa members rig?

A couple of years ago, I showed my Knightlites SMITE (in a mini-Altoids tin) to Riley Holingsworth, K4ZDH, single section pi filter and all. All he said was "Cool..."

72 de Mike, K04WX

P.S. Thanks for the idea for the next NOGA project...an ALL BAND (all the time) rig!

-----  
Date: Thu, 13 Dec 2001 10:16:15 -0500  
From: Bruce Muscolino <w6toy@erols.com>  
To: wb1cdh@yahoo.com  
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>  
Subject: [114724] Re: Window Sill Antenna  
Message-ID: <3C18C63F.621EA094@erols.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Window sill antennas were manufactured by Barker and Williamson. They may still make them.

Window sill antennas were written up in QST sometime around 1970. They include the original design and a knock off by Lou McCoy. Writing to the League TIS will probably get you copies of the articles for a small price.

That said, there is nothing special about window sill antennas except maybe the mounting plate. If you can make a mounting plate you can use something as simple as a Hamstick and a counterpoise. Most mounting plates are made from bent aluminum designed to clip under the window when it is down. C-clamps could make an acceptable substitute. So could a bolt on flag holder!

The counterpoise can be run indoors. It could either be a quarter wave of wire or a short piece of wire tuned by a ground tuner.

73

-----  
Date: Thu, 13 Dec 2001 10:22:09 -0500  
From: Bruce Muscolino <w6toy@erols.com>  
To: kr1st@amsat.org  
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>  
Subject: [114725] Re: Spark Gap schematic  
Message-ID: <3C18C7A1.F1951CEF@erols.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Alex.

>  
> VE3BBN needed special permission to run his transmitter. Is it allowed  
> in the US to run such a transmitter or would you have to ask the FCC for  
> special permission too?

>  
ABSOLUTELY. Spark transmissions are specifically prohibited in the US and most of the rest of the world. Special permission is required.

73

-----  
Date: Thu, 13 Dec 2001 10:26:46 -0500  
From: "Mike Boatright" <ko4wx@mindspring.com>  
To: <qrp-1@Lehigh.EDU>

Subject: [114726] FW: Re: Marconi Centenary: SIMPLY AMAZING  
Message-ID: <NFBBIILMKMIILGKAJMBLIENACCAA.ko4wx@mindspring.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

>  
> Hey I was in a gas station down in Tennessee and in the bathroom I saw a  
> sign  
> that said, "NoGA QRPers - The rock candy in the urinal is not for you."  
> What do you think that means?

Darn! And I was going to use that as the product detector in my multi-pig!

72 de Mike, K04WX

-----  
Date: Thu, 13 Dec 2001 10:34:19 -0500  
From: "Brice D. Hornback" <bdh@cyberbound.net>  
To: <w6toy@erols.com>,  
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [114727] Re: Spark Gap schematic  
Message-ID: <0cff01c183eb\$a2996680\$7001a8c0@lwrnc1.in.home.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I guess we could always put a QRP Spark beacon on the moon. :-)

73/72/71! \*zap\* de Brice KA8MAV

----- Original Message -----  
From: "Bruce Muscolino" <w6toy@erols.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Sent: Thursday, December 13, 2001 10:22 AM  
Subject: Re: Spark Gap schematic

> Alex.  
> >  
> > VE3BBN needed special permission to run his transmitter. Is it allowed  
> > in the US to run such a transmitter or would you have to ask the FCC for  
> > special permission too?



> >  
> ABSOLUTELY. Spark transmissions are specifically prohibited in the US  
> and most of the rest of the world. Special permission is required.  
> 73  
>

-----  
Date: Thu, 13 Dec 2001 10:39:12 -0500  
From: "Tom Curtola" <tcurtola@rogers.com>  
To: <rod@n0rc.com>,  
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [114728] Re: Spark transmitter  
Message-ID: <002501c183ec\$50899940\$0f316618@yec.phub.net.cable.rogers.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

> Yes unfortunate, but one individual is not representative of the whole  
> community. In fact when things like this happen, it's time for  
> responsible individuals to step up and show Ham Radio in a positive  
> light.  
>  
> \*\*\*Happy Holidays\*\*\*  
> 73, Rod N0RC  
> Ft Collins, CO

Yes like finding out whom this idiot was, and stringing him up by his  
testicles.... (I'm just a little pissed-off at this individual)

Tom Curtola  
VA3TY  
Toronto, Ontario

-----  
Date: Thu, 13 Dec 2001 11:42:35 -0500  
From: Jim Campbell <jim-c@nc.rr.com>  
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Subject: [114729] Re: Marconi Centenary  
Message-ID: <3C18DA7B.BF8D9255@nc.rr.com>  
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I keep seeing reports for the spark transmission of xx9. My ARRL Ham Desktop Reference states that an xx9 is "Perfect tone, no trace of ripple of modulation of any kind". The report I sent in was 551. The definition of xx1 is "Sixty-cycle ac or less, very rough or broad". The signal I heard was modulated CW with the modulation something less than 60 cycles (hertz).

Now, to show that I am not perfect, the station I reported on was probably not the spark station at all but rather the other station pretending to be him.

Wouldn't it be nice if the FCC monitoring stations just happened to be listening and got a fix on the pretender? I bet a lot of the FCC field personnel haven't heard a spark station before. While I'm dreaming, it would also be nice if some of the bad actors on 3550 got a warning notice.

72/73,

Jim  
W4BQP

-----  
Date: Thu, 13 Dec 2001 12:01:14 -0500  
From: larrykosch@glasscity.com  
To: qrp-l@lehigh.edu  
Subject: [114730] FT-243 For Sale  
Message-ID: <5.0.0.25.1.20011213115540.009e6920@pop3.norton.antivirus>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

>>>HI Gang I have a old collection of FT-243 xtals that are not being  
>>>used...All osc on my test 2n2222 test osc...Will sell as set only...  
>>>I will sell for \$105 money order shipped in the US 48...  
>>>Larry---K8EJU List below...Thats 20 xtals...  
>>>  
>>>3553--3590--3597--3713--3715--3717--3722--3727  
>>>7008--7023.75--7025--7060--7084--7130--7131.4--7136  
>>>Plus 4 extra holders in the 8Mhz If you have any bad holders...  
>  
>  
>  
>>>k8eju@arrl.net

-----  
Date: Thu, 13 Dec 2001 12:03:34 EST  
From: FIVEWATTS@aol.com  
To: qrp-L@lehigh.edu  
Subject: [114731] Window antennas  
Message-ID: <7c.1fadb8f7.294a3966@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

A few days ago I read a message to the group that included a url with phtos and instructions on how to make a window sill antenna. It was attached to piece of aluminum and also had a counterpoise. Anyone know where I can find that info? Thought I had kept it but guess I had a senior moment.

Bruce,  
I sent him the B&W URL but he said the info he read had photos and instructions on building one.  
Don,  
Do what Bruce suggested.  
Just make a bracket.  
I made one but used a mobile whip that has the coil in the center.  
I have a B&W coil almost 1 foot long with taps on it at the base  
I changed the taps for a low SWR and used the tiny MFJ random wire tuner and a counter poise.  
I use it as a long wire and it does good on 40 and 20 meters.  
Last Sat. at 0815 UTC I had Japan but a blown QSO due to band conditions but he did get my name and call.  
I was on 20 meters runnung 7 watts.  
I can't compare antennas but the B&W for close to \$100.00 you can get the MP-1 that is slightly reduced in price now  
73.  
Bob  
WA2HOQrp <tm>

-----  
Date: Thu, 13 Dec 2001 12:04:47 -0500 (EST)  
From: George Gingell <k3tks@u1.abs.net>  
To: Dave Benson <nn1g@earthlink.net>  
Cc: QRP List <qrp-l@Lehigh.EDU>, QRPp-I Club <QRPp-I@yahooogroups.com>, G-QRP Club E-mail Reflector <gqrp@onelist.com>,  
Subject: [114732] Re: Fw: RX Noise Bridge Applications  
Message-ID: <20011213114241.T57610-100000@u1.abs.net>

MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Dave,

I just had another thought. If any of the people who order the NE-QRP RX Noise Bridge wish to Purchase the April #2, and July #3, 1999 issues of the QRP Quarterly Journal which Carry the RX Noise Bridge Articles by Rich Daily, KA8OKH, I will provide those TWO ISSUES at \$ 10.00 Postpaid in US/CA.

We are Currently selling Year Sets at \$ 30.00 Postpaid per year set.

Payment by check or money order to "George Gingell"

Mail to George D. Gingell, Jr. K3TKS  
3052 Fairland Road  
Silver Spring, MD 20904-7117

Or By PayPal to:

<k3tks@abs.net> <<https://secure.paypal.x.com/refer/pal=k3tks%40abs.net>>

PLEASE INCLUDE YOUR MAILING ADDRESS IN YOUR EMAIL TO ME.

IT IS REALLY HELPFUL IF YOU CAN ADD IT TWICE AT THE END OF YOUR MESSAGE.

That allows me to use one copy as a Cut and Paste Label and the other copy for my shipping records. Your email is your order and mailing label.

Thanks, and Happy Holidays to All.

LGDI [Let George Do it! (C) 2001]

Sir George, The First :^}

72 ES

QRP DX TU (C) 1986, G. "Danny" Gingell, K3TKS@ abs.net  
Former QRP A.R.C.I. Net Manager and Board of Director Member.  
Gingell & Company, Ltd. Small Business Telephone Systems  
Commercial Locksmith Services (301) 572-6789 Office & Fax  
George D. Gingell, Jr. 3052 Fairland Road, Silver Spring, MD 20904-7117  
Maryland Milliwatt Club QRP Reference Library, (301) 572-6789 IQRR #1  
Maryland Milliwatt Club Founder and Trustee of Club Station - WQ3RP -  
Grid Square FM19mb 76.94 W - 39.06 N Silver Spring, MD 20904 QRPea.A.

Collector of Quartz Crystals and Telegraph Keys.

"72" = "Wishing You Good QRP" (C) 1991 Oleg Borodin, RV3GM

-----  
Date: Thu, 13 Dec 2001 12:08:24 -0500  
From: W2AGN <w2agn@pobox.com>  
To: larrykosch@glasscity.com,  
    "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [114733] Re: FT-243 For Sale  
Message-ID: <0112131208241H.11923@njbirdman>  
Content-Type: text/plain;  
    charset="iso-8859-1"  
MIME-Version: 1.0  
Content-Transfer-Encoding: 8bit

On Thursday 13 December 2001 12:01, larrykosch@glasscity.com wrote:  
> >>>HI Gang I have a old collection of FT-243 xtals that are not being  
> >>>used...All osc on my test 2n2222 test osc...Will sell as set only...  
> >>>I will sell for \$105 money order shipped in the US 48...  
> >>>Larry---K8EJU List below...Thats 20 xtals...  
> >>>  
> >>>3553--3590--3597--3713--3715--3717--3722--3727  
> >>>7008--7023.75--7025--7060--7084--7130--7131.4--7136  
> >>>Plus 4 extra holders in the 8Mhz If you have any bad holders...  
> >>>  
> >>>  
> >>>  
> >>>k8eju@arrl.net

--

Wow! and to think I GAVE away a dozen or so a year ago!

-----  
John L Sielke W2AGN  
w2agn@pobox.com  
<http://www.qsl.net/w2agn>  
-----

Date: Thu, 13 Dec 2001 17:27:06 -0000

From: "Steve Farthing" <stephen@stevef.demon.co.uk>  
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [114734] OT Does anyone have the drivers for a Hayes Optima 56K V90 Global Modem card?  
Message-ID: <MABBLGJEEFHCJIEHNCOFGEDBCNAA.stephen@stevef.demon.co.uk>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="Windows-1252"  
Content-Transfer-Encoding: 7bit

Guys and Gals,

I have acquired a laptop with a nifty little modem card. However I have no drivers for the card so I cannot test it. The only site I can download the drivers requires a fee which, if the modem does not work, will be a waste of money. I also need the connector and lead to connect it to the UK Telephone. Can anyone help?

73 de Steve G0XAR

-----  
Date: Thu, 13 Dec 2001 12:56:25 -0500  
From: "Henry Freedenberg" <henryf@quartz.gly.fsu.edu>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>,  
     gingrich2@dcg.org  
Subject: [114735] Re: Marconi Reception report  
Message-ID: <3C18A579.2025.172615@localhost>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT

No joy in FL

On 12 Dec 2001, at 22:32, Dave Gingrich K9DC wrote:

> I Heard it! Confirming reception of "ARCONI" at 0252z 13-Dec-2001, 3551 kHz  
> Dave Gingrich K9DC, Indianapolis Indiana, Report 1x2, distance from Niagra  
> Falls ON 430 miles (692 km).  
>  
> I thought I heard it a couple of times earlier, but at 0252 I distinctly  
> heard "ARCONI" in the noise. I missed the leading M and the trailing  
> S. Heard nothing after that. I was using an Elecraft K2 LSB, 210 foot  
> long inverted L up about 60ft. I tried with an AM receiver, but stiff CW  
> QRM in the passband and I could not turn off the AGC on that receiver.  
>  
> Congratulations!

>  
> =====  
> Dave Gingrich, K9DC - Indianapolis, Indiana USA  
> K2 #2211, K1 #931, QRP-L #2376, ARS #1109, CCIE #6748  
> =====  
>  
>

-----  
Date: Thu, 13 Dec 2001 12:12:26 -0600  
From: "Rob Matherly" <kc0bom@arrl.net>  
To: <tcurtola@rogers.com>,  
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [114736] Re: Spark transmitter  
Message-ID: <00b801c18401\$bdf57b60\$9011a541@intern01>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hey Tom, tell us what you really think! :^D

I agree btw, even though my rig's busted and didn't get to hear it... :^(

72/73/oo

Rob, kc0bom

ARRL; FP Qrp -330; Live-Wire #442; IA QRP #143; SOC #497; QRPP-I #19

-----

Visit my website! <http://www.qsl.net/kc0bom/hamradio>

AIM - kc0bom, jimrob4 MSN - jimrob@jetnetinc.net

----- Original Message -----

From: Tom Curtola <tcurtola@rogers.com>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Sent: Thursday, December 13, 2001 9:39 AM  
Subject: Re: Spark transmitter

> Yes unfortunate, but one individual is not representative of the whole  
> community. In fact when things like this happen, it's time for  
> responsible individuals to step up and show Ham Radio in a positive

> light.  
>  
> \*\*\*Happy Holidays\*\*\*  
> 73, Rod N0RC  
> Ft Collins, CO

Yes like finding out whom this idiot was, and stringing him up by his testicles.... (I'm just a little pissed-off at this individual)

Tom Curtola  
VA3TY  
Toronto, Ontario

-----  
Date: Thu, 13 Dec 2001 12:14:30 -0600  
From: "Rob Matherly" <kc0bom@arrl.net>  
To: <stephen@stevef.demon.co.uk>,  
      "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [114737] Re: OT Does anyone have the drivers for a Hayes Optima 56K V90  
Global Modem card?  
Message-ID: <00c901c18402\$0796aa00\$9011a541@intern01>  
MIME-Version: 1.0  
Content-Type: text/plain;  
          charset="Windows-1252"  
Content-Transfer-Encoding: 7bit

Did you try windrivers.com? (Only works if you run windows though :^)

72/73/oo  
Rob, kc0bom  
ARRL; FP Qrp -330; Live-Wire #442; IA QRP #143; SOC #497; QRPP-I #19

-----  
Visit my website! <http://www.qsl.net/kc0bom/hamradio>

AIM - kc0bom, jimrob4 MSN - jimrob@jetnetinc.net

----- Original Message -----  
From: Steve Farthing <stephen@stevef.demon.co.uk>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Sent: Thursday, December 13, 2001 11:27 AM  
Subject: OT Does anyone have the drivers for a Hayes Optima 56K V90 Global  
Modem card?



Guys and Gals,

I have acquired a laptop with a nifty little modem card. However I have no drivers for the card so I cannot test it. The only site I can download the drivers requires a fee which, if the modem does not work, will be a waste of

money. I also need the connector and lead to connect it to the UK Telephone.

Can anyone help?

73 de Steve G0XAR

-----  
Date: Thu, 13 Dec 2001 13:18:03 -0500  
From: David Hinerman <WD8CIV@worldnet.att.net>  
To: qrp-1@lehigh.edu  
Subject: [114738] Re: Window antennas  
Message-ID: <5.1.0.14.1.20011213131431.00a70540@ipostoffice.worldnet.att.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 12:03 PM 12/13/2001 -0500, you wrote:

>A few days ago I read a message to the group that included a url with phtos  
>and instructions on how to make a window sill antenna. It was attached to  
>piece of aluminum and also had a counterpoise. Anyone know where I can find  
>that info? Thought I had kept it but guess I had a senior moment.

FWIW, Harry Lythall has an article on a "balcony antenna" for 80 - 20M at

<http://w1.859.telia.com/~u85920178/antennas/balcant1.htm>

He also has an "extended balcony antenna" that covers 80 - 10M at

<http://w1.859.telia.com/~u85920178/antennas/balcant2.htm>

Dave

-----  
Dave Hinerman  
WD8CIV@worldnet.att.net

-----  
Date: Thu, 13 Dec 2001 12:17:19 -0600  
From: "Rob Matherly" <kc0bom@arrl.net>  
To: "Flying Pigs" <fpqrp-l@mpna.com>,  
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>,  
Cc: "Keith Foglesong" <metal4life@netscape.net>  
Subject: [114739] Geminids Tonight  
Message-ID: <00d901c18402\$6b889a00\$9011a541@intern01>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Don't forget to check out the Geminids meteor shower tonight! Peak is from 10pm local to sun-up, with rates of up to 100 per hour. Maybe I'll actually get to see this one.....

72/73/oo  
Rob, kc0bom  
ARRL; FP Qrp -330; Live-Wire #442; IA QRP #143; SOC #497; QRPP-I #19

-----  
Visit my website! <http://www.qsl.net/kc0bom/hamradio>

AIM - kc0bom, jimrob4 MSN - jimrob@jetnetinc.net

-----  
Date: Thu, 13 Dec 2001 13:27:06 -0500  
From: David Hinerman <WD8CIV@worldnet.att.net>  
To: qrp-l@lehigh.edu  
Subject: [114740] Re: OT Does anyone have the drivers for a Hayes Optima 56K V90 Global Modem card?  
Message-ID: <5.1.0.14.1.20011213132417.00a517f0@ipostoffice.worldnet.att.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 12:14 PM 12/13/2001 -0600, you wrote:  
>Did you try windrivers.com? (Only works if you run windows though :^)

It would appear windrivers.com is now charging a fee.

Dave

-----  
Dave Hinerman  
WD8CIV@worldnet.att.net

-----  
Date: Thu, 13 Dec 2001 13:34:17 -0500  
From: Steven Weber <kd1jv@moose.ncia.net>  
To: qrp-l@lehigh.edu  
Subject: [114741] KITS: Digital rms Power meter  
Message-ID: <3.0.6.32.20011213133417.007956d0@mailhost.ncia.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

HI Gang,

Looks like I ended up with 10 of the digital power meter kits left over.  
Anyone still looking to give themselves a nice Christmass present? Thier  
\$59.95, post paid, and details of the meter can be seen on my web page, url  
in sig line.

72,  
Steve, KD1JV  
"Melt Solder"  
White Mountians of New Hampshire  
<http://www.qsl.net/kd1jv/>

-----  
Date: Thu, 13 Dec 2001 13:53:30 -0500  
From: Alex <kr1st@amsat.org>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [114742] Some more magloop experimenting  
Message-ID: <3C18F92A.35FD7BCF@amsat.org>  
MIME-version: 1.0  
Content-type: text/plain; charset=us-ascii  
Content-transfer-encoding: 7bit

I finally had some time to experiment some more with my magnetic loop.  
As some on here suggested, the coax capacitors or the alligator clip  
might be causing the wide 2:1 SWR bandwidth. I realized that the  
bandwidth even on 10 meters was quite high too. I figured that was  
because one side of the coax capacitor is always connected to the loop.

So I decided to get rid of the coax capacitor and then check the 2:1 SWR bandwidth again on ten. But alas, no change. I also changed the diameter of the coupling loop several times, but that didn't make a bit of difference either.

That leaves me with only one part to experiment with, and that's the Hammarlund split stator cap. The only real thing I can change is soldering the stator directly to the loop, but I don't see how that would make a big difference. I've also been wondering if perhaps cleaning the capacitor would help. But how would you clean such an animal? And would it really make a difference?

Btw, pictures of my loop can be found at:

[www.qsl.net/kr1st/magloop.htm](http://www.qsl.net/kr1st/magloop.htm)

73s,  
--Alex

-----  
Date: Thu, 13 Dec 2001 13:56:10 -0500  
From: Bill Coleman <aa4lr@arrl.net>  
To: "QRP" <qrp-1@Lehigh.EDU>  
Subject: [114743] HB - Vintage QRP  
Message-ID: <20011213185722.FQZ29288.imf11bis.bellsouth.net@[192.168.0.21]>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"

I dug back through my archives, and found that after 20+ years, my memory isn't exactly correct. Here's the story.

As a pre-Novice, a ham encouraged me to build my own Novice transmitter. He considered it a right of passage. He pulled out a mid-60's design that used a 6DQ6 sweep tube as a crystal oscillator. He even gave me some parts. I bought a chassis and started to build this transmitter, but for one reason or another, I never finished it. I really don't think I had the skills at the time to make it work properly, and no Elmer close enough to help me. As a Novice, I bought used Heathkit SB-301 and 401 twins.

At some point, I sold the SB-401. But, before then, I tried to build a QRP 40m transceiver. Something that would be at home in a dorm room. I build a pretty good VFO with a Colpitts FET oscillator and a source-follower. The next three stages were stolen from a QRP transmitter article. Was there a rig called the Mini-Mite? Seems like it used readily available Radio Shack chokes rewound as coils rather than the harder to

find toroids.

The receiver was a direct-conversion design, using a dual-gate MOSFET, followed by an op-amp active audio filter and an LM 386 amplifier. I never heard a peep out of the receiver. I don't know if the MOSFET was fried or if the op-amps were biased completely incorrectly. I've long ago discarded the schematic.

The 40m transceiver also had a K0X (Key-operated switch) and a sidetone oscillator.

The only pieces that really worked from this 40m QRP transceiver were the 40m VFO (which has a neat RX shift circuit in order to get the proper RX/TX offset for use with a DC receiver), and the K0X / side tone.

--

At some later point, I had sold the SB-401. I was still in college, and had little money. In the summer of 1981, I looked at merging the components of the 40m transceiver and my Novice transmitter. The Novice transmitter got simpler, being single band instead of three.

I have the schematic for this rig. It has the two-FET VFO/buffer, followed by a wideband class A bipolar amplifier, a bipolar emitter follower, and a class AB tuned-collector bipolar amplifier stage. The K0X and UJT sidetone with a bipolar emitter follower. The VFO/buffer is mounted in a small box (just as it was in the 40m QRP transceiver). I designed and built a small circuit board for the K0X/SideTone/VFO Buffer/Amplifier.

Now comes the non-QRP part. A 6GK6 driver goes to a 6550 tube, running class C. Now, most may recognise the 6550 as a audio PA tube. What's it doing in a 40m transmitter?

Well, I didn't have any money, but I had gotten four of these bottles out of two surplus Boden PA amplifiers. I looked up the specs, and it had more plate dissipation than the 6DQ6. Never mind the fact that it had a completely different internal design and gobs of interelectrode capacitance.

The rig came together OK, but the 6550 kept arcing over internally. It really wasn't designed to take 600+ volts at the base plate terminal.

Eventually, I gave up on the 6550, and decide to go with a tried-and-true 6146. I re-worked the circuit. As I remember, it worked OK, but the output wasn't nearly what I hoped. And, despite being grid-blocked keyed, no keying of the PA and two levels of buffers -- it chirped like a canary.

--

For a while, I used a borrowed FT-101EE. Just after college, my friend asked for his rig back, and I found myself wanting to operate with no rig. I had the SB-301 still, and the 40m transmitter, which had since been cannabalised for parts (another casualty of having no money -- old projects feed parts to new projects). In 1985, My brother loaned me a DX-60 transmitter. This TX had been through a flood. Every time I opened it, I would pick more dried mud out of the chassis.

I used the VFO and K0X/SideTone/Buffer/Amplifier and built them into a little box. This unit worked great! Since I was living in a ground-floor apartment, I made only a few contacts with this setup. (Four, to be exact)

--

I still have the little box. It's missing it's power supply transformer. (Most likely appropriated for another project) But it looks like everything else is there.

It intrigues me. Perhaps it might make a good VFO / TR-switch for a simple glowbug or solid-state PA. Hmm....

Bill Coleman, AA4LR, PP-ASEL                      Mail: aa4lr@arrl.net  
Quote: "Not within a thousand years will man ever fly!"  
      -- Wilbur Wright, 1901

-----

Date: Thu, 13 Dec 2001 12:55:32 -0600  
From: "Rob Matherly" <kc0bom@arrl.net>  
To: <WD8CIV@worldnet.att.net>,  
      "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [114744] Re: OT Does anyone have the drivers for a Hayes Optima 56K V90 Global Modem card?  
Message-ID: <011001c18407\$c2c7dc40\$9011a541@intern01>  
MIME-Version: 1.0  
Content-Type: text/plain;  
              charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

They do? They used to have a pay site and a free site... that stinks. There's another one I used to use that I can't remember what it's called.... I'll have to look around for it and see what I can get.

72/73/oo

Rob, kc0bom

ARRL; FP Qrp -330; Live-Wire #442; IA QRP #143; SOC #497; QRPp-I #19

-----

Visit my website! <http://www.qsl.net/kc0bom/hamradio>

AIM - kc0bom, jimrob4 MSN - jimrob@jetnetinc.net

----- Original Message -----

From: David Hinerman <WD8CIV@worldnet.att.net>

To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Sent: Thursday, December 13, 2001 12:27 PM

Subject: Re: OT Does anyone have the drivers for a Hayes Optima 56K V90 Global Modem card?

At 12:14 PM 12/13/2001 -0600, you wrote:

>Did you try windrivers.com? (Only works if you run windows though :^)

It would appear windrivers.com is now charging a fee.

Dave

-----  
Dave Hinerman

WD8CIV@worldnet.att.net

-----  
Date: Thu, 13 Dec 2001 14:50:06 -0500

From: "Tom Tishken KD4W0V" <kd4wov@earthlink.net>

To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>,  
"HamGear at Onelist" <hamgear@yahoogroups.com>,

Subject: [114745] [Tokyo-Hy-Power] HT-750 and accesories for sale

Message-ID: <MBBBKJCFDGAJAEFGLAPMEJLCCAA.kd4wov@earthlink.net>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

hello,

I have a HT-750, matching thp case, a set of Tokyo Highpower telescopic  
whips, a set of MFJ  
telescopic whips, and owners manual. I will ship for \$500.

You can email me direct or call me at 1-352-406-5608. Picture will be available on request.

Preaching God's Word,  
Tom and Lisa Tishken  
KD4W0V Extra class Ham License  
WPON678 GMRS License  
General Radiotelephone Operator licensee PGGB003773  
ARRL and W5YI Volunteer Examiner  
444.875+ MHz Repeater Springfield, MO  
ARRL Approved FCC Official Observer  
Charter Life Member #26 of Central States VHF society  
ARRL, TAPR, and RSGB Member

-----  
Date: Thu, 13 Dec 2001 14:52:51 -0500  
From: "Mark J. Dulcey" <mark@buttery.org>  
To: Low Power Amateur Radio Discussion <grp-l@Lehigh.EDU>  
Subject: [114746] Re: OT Does anyone have the drivers for a Hayes Optima 56K V90 Global Modem card?  
Message-ID: <3C190713.70806@buttery.org>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii; format=flowed  
Content-Transfer-Encoding: 7bit

Have you tried the Hayes site (<http://www.hayesmicro.com>)? There are some drivers there, though they may or may not work with your modem. (The remains of Hayes were bought by Zoom Telephonics (<http://www.zoom.com>) in 1999, and they don't have support files for many of the pre-buyout products.)

Most of the Hayes modems were fairly generic products based on Rockwell (now Conexant: <http://www.conexant.com>) chip sets, so the generic drivers available from them will work. Finally, if you're talking about using it with Windows, you can probably set it up as a "generic 56K modem" or the like and get it to work.

-----  
Date: Thu, 13 Dec 2001 13:57:57 US/Central  
From: delphinus@brightok.net



To: qrp-1@Lehigh.EDU  
Subject: [114747] RX Noise Bridge References  
Message-ID: <200112131957.NAA02452@mail11.brightok.net>

With all this talk about the NE QRP Club Noise Bridge, I thought some of you would enjoy some light reading :) I've been doing some research on the subject since I want to turn my Tentec 1051 kit into a full-blown RX Noise Bridge. Jack Althouse, K6NY wrote a nice article entitled, "The Noise Bridge" in the Sep 1992 QST, pp 75-78. In it he listed quite a few references. I haven't had a chance to check them all out yet, but I'm working on it. Below I have included journal articles only, omitting any references to books. Perhaps some of you will find these references useful. 73, Matthew AD5AP, Here they are...

J. Althouse, "The Noise Bridge," QST, Sep 1992, pp 75-78.

J. Althouse, "Using a Noise Bridge to Measure Coaxial-Cable Impedance, " QST, May 1991, p 45.

J. Grebenkemper, "Improving and Using R-X Noise Bridges," QST, Aug 1989, pp 27-32, 52.

D. Rodman, "Noise Bridge Audio Links," QST, Dec 1988, p 44.

D. Elkins, "Noise Bridge Aids Transmitter Output-Network Adjustment," QST, Nov 1988, pp 39-40.

J. Belrose, "RX Noise Bridges," QST, May 1988, pp 34-35,39.

D. DeMaw, "A Laboratory-Style RX Noise Bridge," QST, Dec 1987, pp 32-35.

A. Popodi, "A VHF Noise Bridge," Ham Radio, Jul 1986, pp 10-19.

J. Carr, "Using the Antenna Noise Bridge," Ham Radio, May 1986, pp 69-71.

F. Gehrke, "A Precision Noise Bridge," Ham Radio, Mar 1983 pp 50-56.

J. Althouse, "Antenna Tuning with a Noise Bridge," Worldradio, May 1978, pp 5-6.

L. Anderson, "Antenna Bridge Calculations," Ham Radio, May 1978, pp 33-44.

T. Anderson, "Noise Bridge Calculations," Ham Radio, May 1978, pp 45-47.

R. Hubbs and F. Doting, "Improvements to the R-X Noise Bridge,"  
Ham Radio, Feb 1977, pp 10-20.

A. Weiss, "Noise Bridge," Ham Radio, May 1974, pp 71-72.

G. Pappot, "Noise Bridge for Impedance Measurements,"  
Ham Radio, Jan 1973, pp 62-64.

D. Nelson, "The RF Bridge," Ham Radio, Dec 1970, pp 18-21.

R. T. Hart, "The Antenna Noise Bridge," QST, Dec 1967,  
pp 39-41.

-----  
This message was sent using BrightNet MailMan.  
<http://www.Brightok.net/mailman/>

-----  
Date: Thu, 13 Dec 2001 15:02:55 -0500  
From: Nils R Young <nilsbull@juno.com>  
To: QRP-L@lehigh.edu  
Subject: [114748] More tiny radio links  
Message-ID: <20011213.150303.264.0.nilsbull@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Gang,

Yeah, I know: I can't type from copy on a page & all I hand out are  
half-baked (among other anatomical errors) URLs, but this one I copied  
off the screem before I started typin' this massage.

There's a whole pile of QRP-ish thingies at  
<http://noname.cmpe.ubc.ca/pierre/hbradios.htm>

I've tried a couple of the links & most seem to be working. The one  
marked "40-9er," as opposed to "49er" don't woik. But you can still look  
at stuff and wonder as I do at why anyone like me would be even slightly  
interested in more finger burning & blowing up of stuff . . .

And how the blue Tasmanian blazes did I miss out on the 12 December

Marconi re-enactment?

I gotta spend more time in reality.

73

Nils

-----  
Nils R. Bull Young -- El Gringo Errante -- La Estancia de los Guajolotes  
Sonrientes

W8IJN -- <http://www.geocities.com/nilsbull/w8ijn>

In my day you had to FIGHT to have digits! Every DAY was a STRUGGLE!

--- Comrade Nikolai Sergeevich McTovarishov

-----  
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<http://dl.www.juno.com/get/web/>.

-----  
Date: Thu, 13 Dec 2001 15:04:55 EST

From: FIVEWATTS@aol.com

To: mark@buttery.org, qrp-1@lehigh.edu

Subject: [114749] Re: OT Does anyone have the drivers for a Hayes Optima 56K V90  
Global Modem c...

Message-ID: <aa.350ad75.294a63e7@aol.com>

MIME-Version: 1.0

Content-Type: text/plain; charset="US-ASCII"

Content-Transfer-Encoding: 7bit

In a message dated 12/13/01 2:56:22 PM Eastern Standard Time,  
mark@buttery.org writes:

<<

Have you tried the Hayes site (<http://www.hayesmicro.com>)? There are  
some drivers there, though they may or may not work with your modem.  
(The remains of Hayes were bought by Zoom Telephonics  
(<http://www.zoom.com>) in 1999, and they don't have support files for  
many of the pre-buyout products.) >>

I have the same modem in my lap top and I down loaded it from Toshiba web  
site.

I also upgraded the bios flash and winsows driver.

[www.toshiba.com](http://www.toshiba.com).

Bob

WA2HOQrp <tm>

-----  
Date: Thu, 13 Dec 2001 16:17:29 -0500  
From: "kw3u@warwick.net" <kw3u@warwick.net>  
To: tcurtola@rogers.com  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [114750] Re: Spark transmitter  
Message-ID: <3C191AE9.8E1F881A@warwick.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

My vote goes for n2mf who thought he was chasing dx and  
sending his call over and over....nice signal though.

Tom Curtola wrote:

> > Yes unfortunate, but one individual is not representative of the whole  
> > community. In fact when things like this happen, it's time for  
> > responsible individuals to step up and show Ham Radio in a positive  
> > light.  
> >  
> > \*\*\*Happy Holidays\*\*\*  
> > 73, Rod NØRC  
> > Ft Collins, CO  
>  
> Yes like finding out whom this idiot was, and stringing him up by his  
> testicles.... (I'm just a little pissed-off at this individual)  
>  
> Tom Curtola  
> VA3TY  
> Toronto, Ontario

-----  
Date: Thu, 13 Dec 2001 16:30:48 -0500  
From: fcs@juno.com  
To: qrp-1@Lehigh.EDU  
Subject: [114751] Re: OT Does anyone have the drivers for a Hayes Optima 56K V90  
Global Modem c...  
Message-ID: <20011213.163050.-3735393.2.fcs@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Google search resulted in 501 results.

The best appeared to be the following link:

<http://www.modem-help.freemove.co.uk/mfc/hayes.html>

Dick, W2SCF

-----  
Date: Thu, 13 Dec 2001 16:34:53 -0500  
From: fcs@juno.com  
To: qrp-1@Lehigh.EDU  
Subject: [114752] Re: OT Does anyone have the drivers for a Hayes Optima 56K V90 Global Modem c...  
Message-ID: <20011213.163455.-3735393.3.fcs@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Better yet and down the list:

<http://www.hayesmicro.com/index.htm>

Dick, W2SCF

-----  
Date: Thu, 13 Dec 2001 16:56:57 -0500  
From: "Brice D. Hornback" <bdh@cyberbound.net>  
To: <kd1jv@moose.ncia.net>,  
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [114753] Re: Digital rms Power meter  
Message-ID: <0dc401c18421\$1629a620\$7001a8c0@lwrnc1.in.home.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Everyone,

I built my Digital RMS Power Meter today and I must say... Steve, you did an EXCELLENT job!

This meter is incredible and it works great! The kit is VERY nicely done and very easy to build. Steve has pre-mounted the surface mounts parts making this a very enjoyable kit to build by anyone. The parts list is VERY detailed including the color bands on the resistors and markings on the

capacitors. It's a GREAT kit and I HIGHLY recommend it.

Hurry up and get one of these while you can!

73/72/71! de Brice KA8MAV

----- Original Message -----

From: "Steven Weber" <kd1jv@moose.ncia.net>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Thursday, December 13, 2001 1:34 PM

Subject: KITS: Digital rms Power meter

> HI Gang,

>

> Looks like I ended up with 10 of the digital power meter kits left over.

> Anyone still looking to give themselves a nice Christmass present? Thier

> \$59.95, post paid, and details of the meter can be seen on my web page,  
url

> in sig line.

>

>

> 72,

> Steve, KD1JV

> "Melt Solder"

> White Mountians of New Hampshire

> <http://www.qsl.net/kd1jv/>

>

-----  
Date: Thu, 13 Dec 2001 17:13:58 -0500

From: Pete Burbank <plburbank@kih.net>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [114754] Re: Some more magloop experimenting

Message-ID: <5.0.2.1.0.20011213162556.00acee00@KIH.net>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"; format=flowed

At 01:53 PM 12/13/2001 -0500, Alex wrote:

>I finally had some time to experiment some more with my magnetic loop.

>As some on here suggested, the coax capacitors or the alligator clip

>might be causing the wide 2:1 SWR bandwidth. I realized that the

>bandwidth even on 10 meters was quite high too. I figured that was

>because one side of the coax capacitor is always connected to the loop.

>

>So I decided to get rid of the coax capacitor and then check the 2:1 SWR

>bandwidth again on ten. But alas, no change. I also changed the diameter  
>of the coupling loop several times, but that didn't make a bit of  
>difference either.

>

>That leaves me with only one part to experiment with, and that's the  
>Hammarlund split stator cap. The only real thing I can change is  
>soldering the stator directly to the loop, but I don't see how that  
>would make a big difference. I've also been wondering if perhaps  
>cleaning the capacitor would help. But how would you clean such an  
>animal? And would it really make a difference?

>

>Btw, pictures of my loop can be found at:

>

>[www.qsl.net/kr1st/magloop.htm](http://www.qsl.net/kr1st/magloop.htm)

>

>73s,

>--Alex

Alex es gang

I've made 2 magloops and like the gamma match a lot. The first loop was  
small...about a yard in diameter,

The second was 8 feet in diameter. In both cases the entry point to insert  
and solder in the small copper tubing for the match was about 1/8 of the  
circumference and you adjust the coax along it's length for the best match.  
You are dealing with high voltage and current so all the joints need to be  
soldered

and joints to the capacitor are best done with braided wire (like an inch wide)  
or copper strips cut from flashing copper.

I tuned one with some High voltage doorknob type capacitors and it worked well  
with a tight bandwidth.

I would not even think about using alligator clips on one of these except for  
using them to locate the best feed points during testing.

Have fun and post your findings as these antennas are really interesting.

Vy73 Pete NV4V

-----

Date: Thu, 13 Dec 2001 17:04:39 -0600

From: "Mark A. Andrews" <KE4IOF@ke4iof.com>

To: <stephen@stevef.demon.co.uk>,

"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>

Subject: [114755] Re: OT Does anyone have the drivers for a Hayes Optima 56K V90  
Global Modem card?

Message-ID: <008c01c1842a\$8b9e8840\$c385aec7@carrera>

MIME-Version: 1.0

Content-Type: text/plain;

charset="Windows-1252"

Content-Transfer-Encoding: 7bit

This is just a little helpful tip...

I have found that GOOGLE.com has an uncanny propensity to find exactly what I am look for. For the modem drivers in question, I simply put in "hayes modem driver" and google came back with a plethora of sites. When you have a minute go there and play with it. Try to find something esoteric. Try your callsign! It is amazing what it has indexed.

73,  
Mark

-----  
Mark A. Andrews, KE4IOF  
QRP-L 146 QRP-ARCI 10574  
www.KE4IOF.com

PRL 3.0 for Palm Handhelds

-----  
Date: Thu, 13 Dec 2001 23:11:13  
From: "Brad Hernlem" <alihernlem@hotmail.com>  
To: qrp-l@lehigh.edu  
Subject: [114756] Re: RX Noise Bridge References  
Message-ID: <F246Q6on7gz3FB1FxQF0000339a@hotmail.com>  
Mime-Version: 1.0  
Content-Type: text/plain; format=flowed

delphinus@brightok.net wrote:

>With all this talk about the NE QRP Club Noise Bridge, I thought some of  
>you  
>would enjoy some light reading :) .... Perhaps some of you will find  
>these references useful. 73, Matthew AD5AP,  
>Here they are...

>...

>J. Grebenkemper, "Improving and Using R-X Noise Bridges,"  
>QST, Aug 1989, pp 27-32, 52.

This one seems to be available on-line (only caveat being that you need to be able to read Russian):

[http://krasnodar.online.ru/hamradio/ftp/noise\\_bridge.pdf](http://krasnodar.online.ru/hamradio/ftp/noise_bridge.pdf)



-----  
Chat with friends online, try MSN Messenger: <http://messenger.msn.com>

-----  
Date: Thu, 13 Dec 2001 23:44:25  
From: "Brad Hernlem" <alihernlem@hotmail.com>  
To: qrp-1@lehigh.edu  
Subject: [114757] [SPICE] Tapped Air Inductors  
Message-ID: <F250ZZTHfyQgeDKvPEk0000346f@hotmail.com>  
Mime-Version: 1.0  
Content-Type: text/plain; format=flowed

OK, so I decided to "SPICE" up my life and try to learn a little about using such modelling software. Linear Technology ([www.linear.com](http://www.linear.com)) has a SPICE engine called SwitcherCADIII that is freely available on their site and so I decided to poke around with it.

Question:

How do folks model a tapped air core inductor?

I am assuming two inductors in series and then specifying some mutual inductance .... BUT .... what to set as the inductance of the sections?

I have found the old ARRL formula  $L = (r^2) * (n^2) / (9r + 10l)$  to be very effective in predicting the inductance of air inductors but if you take such a coil and "slice it" and then compute the inductance of the two sections it is obviously not a linear nor additive process. So, having an entire coil of "known" inductance, what do you choose as the SPICE model "subcoils" when you put taps on that coil (as to bandspread caps)?

Anyone done this?

Brad

-----  
Send and receive Hotmail on your mobile device: <http://mobile.msn.com>

-----  
Date: Thu, 13 Dec 2001 17:48:01 -0600  
From: "K5XU, Mike Duke" <k5xu@netdoor.com>  
To: <qrp-1@lehigh.edu>  
Subject: [114758] Window Antenna

Message-ID: <00b901c18430\$a891ab20\$bad294d0@k5xu>  
MIME-Version: 1.0  
Content-Type: text/plain;  
          charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

MFJ recently released a window antenna which can also be used mobile. It's on the "What's New" page at <http://www.mfjenterprises.com>.

I'm in Ms, but I don't work for them.

Mike Duke, K5XU, President  
American Council of Blind Radio Amateurs

-----  
Date: Thu, 13 Dec 2001 17:14:16 -0700 (MST)  
From: Chris Trask <ctrask@primenet.com>  
To: delphinus@brightok.net  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [114759] Re: RX Noise Bridge References  
Message-ID: <Pine.BSI.3.96.1011213171316.25147A-1000000@usr02.primenet.com>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

I'm going to add these to my technical bibliographies as a separate item. If anybody has any additions to this list, please sent them my way and I will include them.

Chris

On Thu, 13 Dec 2001 delphinus@brightok.net wrote:

> With all this talk about the NE QRP Club Noise Bridge, I thought some of you  
> would enjoy some light reading :^) I've been doing some research on the  
> subject since I want to turn my Tentec 1051 kit into a full-blown RX Noise  
> Bridge. Jack Althouse, K6NY wrote a nice article entitled, "The Noise Bridge"  
> in the Sep 1992 QST, pp 75-78. In it he listed quite a few references. I  
> haven't had a chance to check them all out yet, but I'm working on it. Below I  
> have included journal articles only, omitting any references to books. Perhaps  
> some of you will find these references useful. 73, Matthew AD5AP,  
> Here they are...  
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> J. Althouse, "The Noise Bridge," QST, Sep 1992, pp 75-78.  
>  
> J. Althouse, "Using a Noise Bridge to Measure Coaxial-Cable  
> Impedance," QST, May 1991, p 45.  
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> J. Grebenkemper, "Improving and Using R-X Noise Bridges,"  
> QST, Aug 1989, pp 27-32, 52.  
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> Adjustment," QST, Nov 1988, pp 39-40.  
>  
> J. Belrose, "RX Noise Bridges," QST, May 1988, pp 34-35,39.  
>  
> D. DeMaw, "A Laboratory-Style RX Noise Bridge," QST, Dec 1987,  
> pp 32-35.  
>  
> A. Popodi, "A VHF Noise Bridge," Ham Radio, Jul 1986, pp 10-19.  
>  
> J. Carr, "Using the Antenna Noise Bridge," Ham Radio, May 1986,  
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>  
> F. Gehrke, "A Precision Noise Bridge," Ham Radio, Mar 1983  
> pp 50-56.  
>  
> J. Althouse, "Antenna Tuning with a Noise Bridge," Worldradio,  
> May 1978, pp 5-6.  
>  
> L. Anderson, "Antenna Bridge Calculations," Ham Radio, May 1978,  
> pp 33-44.  
>  
> T. Anderson, "Noise Bridge Calculations," Ham Radio, May 1978,  
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> R. Hubbs and F. Doting, "Improvements to the R-X Noise Bridge,"  
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>  
> A. Weiss, "Noise Bridge," Ham Radio, May 1974, pp 71-72.  
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> G. Pappot, "Noise Bridge for Impedance Measurements,"  
> Ham Radio, Jan 1973, pp 62-64.  
>  
> D. Nelson, "The RF Bridge," Ham Radio, Dec 1970, pp 18-21.  
>  
> R. T. Hart, "The Antenna Noise Bridge," QST, Dec 1967,  
> pp 39-41.  
>

```

/-----'
/      What's all this      \
/ extinct stuff, anyhow?   /
\-----'
|/

```

# High Performance Mixers and Amplifiers for RF Communications

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Graphics by Loek Frederiks